

Gennady Butov

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Effects of adamantane alterations on soluble epoxide hydrolase inhibition potency, physical properties and metabolic stability. <i>Bioorganic Chemistry</i> , 2018, 76, 510-527.	2.0	53
2	Arylation of adamantanamines: VII. Copper(I)-catalyzed N-heteroarylation of adamantane-containing amines with halopyridines. <i>Russian Journal of Organic Chemistry</i> , 2015, 51, 301-308.	0.3	15
3	Synthesis of Adamantyl-substituted Keto Esters. <i>Russian Journal of Organic Chemistry</i> , 2003, 39, 1668-1669.	0.3	14
4	Synthesis of adamantyl-containing 1,3-disubstituted diureas and thioureas, efficient targeted inhibitors of human soluble epoxide hydrolase. <i>Russian Chemical Bulletin</i> , 2015, 64, 1569-1575.	0.4	14
5	Synthesis and properties of symmetrical N,N'-Bis(R-adamantan-1-yl)ureas as target-oriented soluble epoxide hydrolase (sEH) inhibitors. <i>Russian Journal of Organic Chemistry</i> , 2017, 53, 977-980.	0.3	14
6	Preparation of $\hat{1}\pm$ -Adamantyl-substituted Aliphatic Ketones. <i>Russian Journal of Organic Chemistry</i> , 2002, 38, 295-296.	0.3	13
7	Adamantyl-containing fluorinated 1,3-diketones. <i>Russian Journal of Organic Chemistry</i> , 2008, 44, 1157-1160.	0.3	12
8	Reaction of 1,3-dehydroadamantane with organic isocyanates. <i>Russian Journal of Organic Chemistry</i> , 2011, 47, 606-607.	0.3	12
9	Impregnation of abrasive tools with foaming agents. <i>Russian Engineering Research</i> , 2011, 31, 1160-1163.	0.2	11
10	One-step preparation method for adamantyl-containing isocyanates, precursors of epoxide hydrolase inhibitors. <i>Russian Journal of Organic Chemistry</i> , 2017, 53, 673-678.	0.3	11
11	Synthesis and properties of 1-(R-adamant-1-yl)-3-(1-propionylpiperidin-4-yl)ureas and 4-({4-[3-(R-adamant-1-yl)ureido]cyclohexyl}oxy)benzoic acids, efficient target-oriented human soluble epoxide hydrolase inhibitors. <i>Russian Chemical Bulletin</i> , 2017, 66, 1876-1880.	0.4	11
12	Synthesis of Adamantyl-Containing Cyclic $\hat{1}^2$ -Diketones. <i>Russian Journal of Organic Chemistry</i> , 2002, 38, 1377-1377.	0.3	10
13	Reactions of 1,3-dehydroadamantane with inorganic oxygen-free acids. <i>Russian Journal of Organic Chemistry</i> , 2014, 50, 1276-1278.	0.3	10
14	Arylation of adamantanamines: VI. Palladium-catalyzed arylation of amines and diamines of the adamantane series with 3-bromopyridine. <i>Russian Journal of Organic Chemistry</i> , 2013, 49, 1-7.	0.3	9
15	Adamantylation of saturated nitrogen-containing heterocycles. <i>Russian Journal of Organic Chemistry</i> , 2014, 50, 447-448.	0.3	9
16	Adamantylation of azoles by 1,3-dehydroadamantane: I. N-adamantylation of imidazoles by 1,3-dehydroadamantane. <i>Russian Journal of Organic Chemistry</i> , 2009, 45, 1732-1733.	0.3	8
17	Arylation of adamantanamines: V. Palladium-catalyzed amination of isomeric chloroquinolines with diamines of the adamantane series. <i>Russian Journal of Organic Chemistry</i> , 2012, 48, 1495-1508.	0.3	8
18	Synthesis of petroleum polymer resins by initiated oligomerization of the C8/C9 gasoline pyrolysis fraction. <i>Petroleum Chemistry</i> , 2014, 54, 69-71.	0.4	8

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19	Synthesis of adamantyl-containing isothiocyanates. Russian Journal of Organic Chemistry, 2015, 51, 1795-1796.	0.3	8
20	Synthesis and Study of 1,3- and 1,3,3-Substituted Ureas Containing Isoxazole and Adamantane Fragments. Chemistry of Heterocyclic Compounds, 2015, 50, 1719-1726.	0.6	8
21	Chemical transformations of tetracyclo[3.3.1.1.3,7.0.1,3]decane (1,3-dehydroadamantane): I. Reaction of 1,3-dehydroadamantane with carboxylic acids esters. Russian Journal of Organic Chemistry, 2016, 52, 1118-1120.	0.3	8
22	Synthesis of N-adamantan-1(2)-yl ureidoacetic acids as precursors of soluble epoxide hydrolase inhibitors. Russian Journal of Organic Chemistry, 2016, 52, 582-584.	0.3	8
23	Arylation of adamantanamines: IX. Copper(I)-catalyzed arylation of adamantane-containing amines. Russian Journal of Organic Chemistry, 2017, 53, 1788-1798.	0.3	8
24	New Facile Synthesis of Adamantyl Isothiocyanates. SynOpen, 2017, 01, 0121-0124.	0.8	8
25	Synthesis and Properties of 1,3-Disubstituted Ureas and Their Isosteric Analogs Containing Polycyclic Fragments: I. Synthesis of 1-(Adamantan-1-yl)-3-(fluoro, chlorophenyl)ureas. Russian Journal of Organic Chemistry, 2020, 56, 735-740.	0.3	8
26	Synthesis and properties of 1-[(3-fluoroadamantan-1-yl)methyl]-3-R-ureas and 1,1- α^2 -(alkan-1,n-diyl)bis{3-[(3-fluoroadamantan-1-yl)methyl]ureas} as promising soluble epoxide hydrolase inhibitors. Russian Chemical Bulletin, 2022, 71, 107-113.	0.4	8
27	Synthesis and properties of diadamantyl-containing symmetric diureas as target-oriented inhibitors of human soluble epoxide hydrolase. Russian Journal of Bioorganic Chemistry, 2016, 42, 404-414.	0.3	7
28	Adamantylation of azoles with 1,3-dehydroadamantane. Selective N-adamantylation of pyrazoles. Russian Journal of Organic Chemistry, 2011, 47, 150-151.	0.3	6
29	Reaction of 1,3-dehydroadamantane with dicarboxylic acid imides. Russian Journal of Organic Chemistry, 2013, 49, 1403-1404.	0.3	6
30	Chemical transformations of tetracyclo[3.3.1.1.3,7.0.1,3]decane (1,3-dehydroadamantane): II. Reaction of 1,3-dehydroadamantane with N,N-dialkylcarboxamides. Russian Journal of Organic Chemistry, 2017, 53, 6-8.	0.3	6
31	Method of synthesizing adamantyl-substituted phenols based on 1,3-dehydroadamantane. Russian Journal of Applied Chemistry, 2009, 82, 691-692.	0.1	5
32	Synthesis of 1-Adamantyl-3,4,5-R ¹ ,R ² ,R ³ -Pyrazoles. Chemistry of Heterocyclic Compounds, 2014, 50, 752-756.	0.6	5
33	Chemical Transformations of Tetracyclo[3.3.1.1.3,7.0.1,3]decane (1,3-Dehydroadamantane): VII. Reaction of 1,3-Dehydroadamantane with Alkanediols and Amino Alcohols. Russian Journal of Organic Chemistry, 2018, 54, 1760-1763.	0.3	5
34	Synthesis and Properties of N-[R-Adamantan-1(2)-yl]-N α^2 -(2-fluorophenyl)ureas as Target-Oriented Soluble Epoxide Hydrolase Inhibitors. Russian Journal of Organic Chemistry, 2018, 54, 1307-1312.	0.3	5
35	Reaction of 1,3-dehydroadamantane with camphor and isocamphanone. Russian Journal of Organic Chemistry, 2009, 45, 1864-1865.	0.3	4
36	Method for synthesis of 1-adamantyl esters of unsaturated acids. Russian Journal of Applied Chemistry, 2012, 85, 1590-1591.	0.1	4

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37	Adamantylation of carbonitriles with 1,3-dehydroadamantane and its homologs. Russian Journal of Organic Chemistry, 2014, 50, 1279-1282.	0.3	4
38	Amination of chloro-substituted heteroarenes with adamantane-containing amines. Russian Chemical Bulletin, 2016, 65, 1820-1828.	0.4	4
39	Synthesis of Homologs of 1-Isothiocyanatoadamantane. Russian Journal of Organic Chemistry, 2018, 54, 1475-1479.	0.3	4
40	Synthesis and Properties of N,N ² -Disubstituted Ureas and Their Isosteric Analogs Containing Polycyclic Fragments: VIII. Synthesis and Properties of N-[(3-Chloroadamantan-1-yl)methyl]-N ² -(Fluoro, Cl)ureas. Russian Journal of Organic Chemistry, 2019, 55, 640-645.	0.3	3
41	Synthesis and Properties of N,N ² -Disubstituted Ureas and Their Isosteric Analogs Containing Polycyclic Fragments: XI. 1-[(Adamantan-1-yl)alkyl]-3-arylselenoureas. Russian Journal of Organic Chemistry, 2021, 57, 1036-1046.	0.3	4
42	Uncommon alkylation by 1,3-dehydroadamantane of polycyclic hydrocarbons. Russian Journal of Organic Chemistry, 2009, 45, 1721-1722.	0.3	3
43	Selective O-adamantylation of dihydric phenols by 1,3-dehydroadamantane. Russian Journal of Applied Chemistry, 2011, 84, 730-731.	0.1	3
44	Catalyst-free amination of 2-fluoropyridine and 2-fluoro-5-halopyridines with adamantane amines. Russian Chemical Bulletin, 2015, 64, 683-688.	0.4	3
45	Synthesis of epoxide hydrolase sEH inhibitors and study of its inhibitory properties. Russian Chemical Bulletin, 2016, 65, 2299-2305.	0.4	3
46	Chemical Transformations of Tetracyclo[3.3.1.1.3,7.0.1,3]decane (1,3-Dehydroadamantane): VIII. Reaction of 1,3-Dehydroadamantane with Aliphatic Aldehydes. Russian Journal of Organic Chemistry, 2019, 55, 640-645.	0.3	3
47	Synthesis of Bicyclic Isocyanates and Bioisosteric 1,3-Disubstituted Ureas as Soluble Epoxide Hydrolase Inhibitors. Russian Journal of Organic Chemistry, 2019, 55, 1166-1176.	0.3	3
48	Synthesis and Properties of N,N ² -Disubstituted Ureas and Their Isosteric Analogs Containing Polycyclic Fragments: II. N-(4-Oxadamantan-1-yl)-N ² -[fluoro(chloro)phenyl]ureas. Russian Journal of Organic Chemistry, 2020, 56, 983-989.	0.3	3
49	Reaction of [3.3.1]propellanes with diaryl diselenides. Russian Journal of Organic Chemistry, 2010, 46, 929-930.	0.3	2
50	Chemical transformations of tetracyclo[3.3.1.1.3,7.0.1,3]decane (1,3-dehydroadamantane): IV. Reaction of 1,3-dehydroadamantane with dicarboxylic acids esters. Russian Journal of Organic Chemistry, 2017, 53, 160-162.	0.3	2
51	Chemical transformations of tetracyclo[3.3.1.1.3,7.0.1,3]decane (1,3-dehydroadamantane): III. Reactions of 1,3-dehydroadamantane with isothiocyanates. Russian Journal of Organic Chemistry, 2017, 53, 9-11.	0.3	2
52	Synthesis of ethyl ([adamantan-1(2)-ylalkyl]-carbamothioyl)amino)acetates. Russian Journal of Organic Chemistry, 2017, 53, 1176-1179.	0.3	2
53	Synthesis and Properties of N-(R-Adamantan-1-ylalkyl)-N ² -[3(4)-fluorophenyl]thioureas as Target-Oriented Human Soluble Epoxide Hydrolase (hsEH) Inhibitors. Russian Journal of Organic Chemistry, 2018, 54, 1469-1474.	0.3	2
54	Chemical Transformations of Tetracyclo[3.3.1.1.3,7.0.1,3]decane (1,3-Dehydroadamantane): VI. Reactions of 1,3-Dehydroadamantane with Carboxylic Acid Chlorides. Russian Journal of Organic Chemistry, 2018, 54, 840-843.	0.3	2

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55	Synthesis and Properties of 1,3-Disubstituted Ureas and Their Isosteric Analogs Containing Polycyclic Fragments: IV.1 1-(Bicyclo[2.2.1]hept-5-en-2-yl)-3-(fluoro, chlorophenyl)ureas. Russian Journal of Organic Chemistry, 2020, 56, 1336-1346.	0.3	2
56	Chemical Transformations of Tetracyclo[3.3.1.1 ^{3,7} .0 ^{1,3}]decane (1,3-Dehydroadamantane): IX. Noncatalytic Reactions with Alkylarenes. Russian Journal of Organic Chemistry, 2020, 56, 1041-1045.	0.3	2
57	Synthesis and Properties of N,N ² -Disubstituted Ureas and Their Isosteric Analogs Containing Polycyclic Fragments: III. Synthesis and Properties of N-[2-(Adamantan-1-yl)ethyl]-N ² -R-ureas. Russian Journal of Organic Chemistry, 2020, 56, 1132-1139.	0.3	2
58	Synthesis and Properties of N,N ² -Disubstituted Ureas and Their Isosteric Analogs Containing Polycyclic Fragments: IX. N-(1,7,7-Trimethylbicyclo[2.2.1]heptan-2-yl) Ureas and Thioureas. Russian Journal of Organic Chemistry, 2021, 57, 515-523.	0.3	2
59	Phosphine-catalyzed [3+2] cycloaddition of Morita-Baylis-Hillman carbonates to isothiocyanates in the synthesis of adamantane-containing trisubstituted aminothiophenes. Russian Chemical Bulletin, 2021, 70, 880-884.	0.4	2
60	Prospects for the inhibition of the phosphatase domain of human soluble epoxide hydrolase (sEH-P). Russian Chemical Bulletin, 2021, 70, 1067-1074.	0.4	2
61	Synthesis and Properties of 1,3-Disubstituted Ureas and Their Isosteric Analogs Containing Polycyclic Fragments: V. 1-(Bicyclo[2.2.1]heptan-2-yl)-3-R- and 1-(1,7,7-Tricyclo[2.2.1]heptan-2-yl)-3-R-ureas. Russian Journal of Organic Chemistry, 2020, 56, 1893-1904.	0.3	2
62	Synthesis and Properties of N,N ² -Disubstituted Ureas and Their Isosteric Analogs Containing Polycyclic Fragments: XIV. N-[(Adamantan-1-yl)(phenyl)methyl]-N ² -substituted Ureas and Symmetrical Bis-ureas. Russian Journal of Organic Chemistry, 2022, 58, 259-267.	0.3	2
63	Uncommon reaction of 1,3-dehydroadamantane with 3-bromo-1,7,7-trimethylbicyclo[2.2.1]heptan-2-one. Russian Journal of Organic Chemistry, 2007, 43, 1254-1255.	0.3	1
64	Synthesis of 4-(1-adamantyl)-3-polyfluoromethyl-1H-pyrazoles. Russian Journal of Organic Chemistry, 2010, 46, 1178-1180.	0.3	1
65	Reactions of 1,3-dehydroadamantane with some aromatic disulfides. Russian Journal of General Chemistry, 2012, 82, 1183-1184.	0.3	1
66	Synthesis and Properties of 1,3-Disubstituted Ureas and Their Isosteric Analogs Containing Polycyclic Fragments: VII. Synthesis and Properties 1-[(Adamantan-1-yl)methyl]-3-(fluoro, chlorophenyl) Ureas. Russian Journal of Organic Chemistry, 2021, 57, 143-150.	0.3	1
67	Synthesis and Properties of N,N ² -Disubstituted Ureas and Their Isosteric Analogs Containing Polycyclic Fragments: VI. N-[Fluoro(chloro)phenyl]-N ² -(4,7,7-trimethyl-3-oxo-2-oxabicyclo[2.2.1]heptan-1-yl)ureas. Russian Journal of Organic Chemistry, 2020, 56, 2057-2066.	0.3	1
68	Synthesis and Properties of N,N ² -Disubstituted Ureas and Their Isosteric Analogs Containing Polycyclic Fragments: XIII. N-[(3-Bromoadamantan-1-yl)methyl]ureas and Symmetrical Diureas. Russian Journal of Organic Chemistry, 2021, 57, 1913-1920.	0.3	1
69	Synthesis and Properties of N,N ² -Disubstituted Ureas and Their Isosteric Analogs Containing Polycyclic Fragments: XII. N-(1,3,3-Trimethylbicyclo[2.2.1]heptan-2-yl)-N ² -R-ureas and -thioureas. Russian Journal of Organic Chemistry, 2021, 57, 1891-1900.	0.3	1
70	Experimental and quantum-chemical investigation of thermolysis of adamantyl-substituted organosilicon peroxides. Russian Chemical Bulletin, 1998, 47, 1280-1283.	0.4	0
71	Synthesis of Adamantyl-Containing Cyclic \hat{I}^2 -Diketones (III).. ChemInform, 2003, 34, no.	0.1	0
72	Synthesis of Adamantyl-Substituted Keto Esters. ChemInform, 2004, 35, no.	0.1	0

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73	Synthesis and toxicity of 1,3-dehydroadamantane. <i>Pharmaceutical Chemistry Journal</i> , 2011, 45, 151-152.	0.3	0
74	Unusual reaction of N-(1-adamantylmethyl)-2-hydroxybenzamide potassium salt with allyl bromide. <i>Russian Journal of Organic Chemistry</i> , 2015, 51, 1801-1802.	0.3	0
75	Synthesis of 1,3-Disubstituted Ureas Containing Cycloheptyl or Bicyclo[2.2.1]heptyl Fragments, as Soluble Epoxide Hydrolase Inhibitors. <i>Russian Journal of Organic Chemistry</i> , 2019, 55, 1136-1144.	0.3	0
76	Synthesis of New Camphane-Type Amides: Potential Synthetic Adaptogenes. <i>Russian Journal of General Chemistry</i> , 2019, 89, 399-404.	0.3	0
77	Reactions of Isocyanatoadamantanes with 3,6-Diazahomoadamantan-9-ylidene-substituted Hydrazines and Oximes. <i>Russian Journal of Organic Chemistry</i> , 2020, 56, 729-734.	0.3	0
78	Synthesis and Properties of Ethyl [(Adamantan-1-yl)alkylene(phenylene)amino]oxoacetates and N1,N2-Bis[(adamantan-1-yl)alkylene(phenylene)]oxamides. <i>Russian Journal of Organic Chemistry</i> , 2019, 55, 1679-1685.	0.3	0