

# Lidia A Baltina

## List of Publications by Year in descending order

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122  
papers

1,853  
citations

361045

20  
h-index

301761

39  
g-index

142  
all docs

142  
docs citations

142  
times ranked

1704  
citing authors

#	ARTICLE	IF	CITATIONS
1	Antiviral Activity of Glycyrrhizic Acid Derivatives against SARS-CoV-2. <i>Journal of Medicinal Chemistry</i> , 2020, 63, 1256-1259.	2.9	334
2	Chemical Modification of Glycyrrhizic Acid As A Route to New Bioactive Compounds for Medicine. <i>Current Medicinal Chemistry</i> , 2003, 10, 155-171.	1.2	217
3	Lupane triterpenes and derivatives with antiviral activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003, 13, 3549-3552.	1.0	97
4	Inhibitory effects of some derivatives of glycyrrhizic acid against Epstein-Barr virus infection: Structure-activity relationships. <i>Antiviral Research</i> , 2008, 79, 6-11.	1.9	70
5	Prospects for the creation of new antiviral drugs based on glycyrrhizic acid and its derivatives (a) <i>Tj ETQq1 1 0.784314 rgBT /Overlock 11</i>	0.3	66
6	Title is missing!. <i>Pharmaceutical Chemistry Journal</i> , 2002, 36, 484-487.	0.3	49
7	Glycyrrhizic acid derivatives as influenza A/H1N1 virus inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015, 25, 1742-1746.	1.0	48
8	Glycyrrhizic acid derivatives as Dengue virus inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 126645.	1.0	37
9	Synthesis and Pharmacological Activity of Betulin, Betulinic Acid, and Allobetulin Esters. <i>Pharmaceutical Chemistry Journal</i> , 2005, 39, 401-404.	0.3	36
10	The synthesis and hepatoprotective activity of esters of the lupane group triterpenoids. <i>Russian Journal of Bioorganic Chemistry</i> , 2000, 26, 192-200.	0.3	28
11	Glycyrrhetic acid derivatives as Zika virus inhibitors: Synthesis and antiviral activity in vitro. <i>Bioorganic and Medicinal Chemistry</i> , 2021, 41, 116204.	1.4	26
12	High-Resolution 1H and 13C NMR of Glycyrrhizic Acid and Its Esters. <i>Chemistry of Natural Compounds</i> , 2005, 41, 432-435.	0.2	24
13	Title is missing!. <i>Pharmaceutical Chemistry Journal</i> , 2002, 36, 303-306.	0.3	23
14	Synthesis and Pharmacological Activity of Acylated Betulonic Acid Oxides and 28-Oxo-Allobetulone. <i>Pharmaceutical Chemistry Journal</i> , 2004, 38, 148-152.	0.3	23
15	Synthesis and Antiviral Activity of Lupane Triterpenoids and Their Derivatives. <i>Pharmaceutical Chemistry Journal</i> , 2004, 38, 355-358.	0.3	22
16	Title is missing!. <i>Pharmaceutical Chemistry Journal</i> , 2001, 35, 101-104.	0.3	21
17	Antiviral Activity of Acyl Derivatives of Betulin and Betulinic and Dihydroquinopimaric Acids. <i>Russian Journal of Bioorganic Chemistry</i> , 2018, 44, 740-744.	0.3	19
18	Glycals in the Stereoselective Synthesis of Triterpene 2-Deoxy-1- $\beta$ -D-Glycosides under Conditions of Acidic Catalysis. <i>Journal of Natural Products</i> , 2000, 63, 992-994.	1.5	16

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19	Complex Compounds of Glycyrrhizic Acid with Antimicrobial Drugs. <i>Pharmaceutical Chemistry Journal</i> , 2003, 37, 485-488.	0.3	16
20	Selective Oxidation of Triterpene Alcohols by Sodium Hypochlorite. <i>Chemistry of Natural Compounds</i> , 2004, 40, 141-143.	0.2	16
21	Synthesis and anti-HIV-1 activity of new conjugates of 18 $\beta$ - and 18 $\alpha$ -glycyrrhizic acids with aspartic acid esters. <i>Chemistry of Natural Compounds</i> , 2012, 48, 262-266.	0.2	16
22	Antiviral activity of glycyrrhizic acid conjugates with amino acid esters against Zika virus. <i>Virus Research</i> , 2021, 294, 198290.	1.1	16
23	Glycyrrhetic acid (a review). <i>Pharmaceutical Chemistry Journal</i> , 1998, 32, 402-412.	0.3	14
24	Synthesis and Antiinflammatory Activity of New Acylated Betulin Derivatives. <i>Pharmaceutical Chemistry Journal</i> , 2002, 36, 488-491.	0.3	14
25	Synthesis of new derivatives of 3 $\beta$ -hydroxy-18 $\beta$ H-olean-9,12-dien-30-oic acid. <i>Chemistry of Natural Compounds</i> , 2009, 45, 393-397.	0.2	14
26	Synthesis and antiviral activity of 18 $\alpha$ -glycyrrhizic acid and its esters. <i>Pharmaceutical Chemistry Journal</i> , 2010, 44, 299-302.	0.3	14
27	Hydrolysis of $\beta$ -glycyrrhizic acid. <i>Pharmaceutical Chemistry Journal</i> , 1996, 30, 263-266.	0.3	12
28	Synthesis and Antitumor Activity of Complex Compounds of $\beta$ -Glycyrrhizic Acid with Antitumor Drugs. <i>Pharmaceutical Chemistry Journal</i> , 2001, 35, 585-587.	0.3	12
29	Synthetic Transformations of Higher Terpenoids: XI. Synthesis of A-Nor-5 $\beta$ H-19 $\beta$ ,28-epoxy-18 $\alpha$ -olean-3-one Derivatives. <i>Russian Journal of Organic Chemistry</i> , 2004, 40, 1092-1097.	0.3	12
30	Synthesis and high-resolution NMR spectra of A-nor-derivatives of 11-deoxyglycyrrhetic acid. <i>Chemistry of Natural Compounds</i> , 2006, 42, 553-557.	0.2	11
31	Synthesis of 4,5-Seco-Derivatives of Allobetulin. <i>Chemistry of Natural Compounds</i> , 2004, 40, 247-249.	0.2	10
32	Synthesis and antiviral activity of novel glycyrrhizic acid conjugates with D-amino acid esters. <i>Russian Journal of Bioorganic Chemistry</i> , 2017, 43, 456-462.	0.3	10
33	Oxidation of Betulin and Its Monoacetates by $\alpha$ -Activated $\text{DMSO}$ . <i>Chemistry of Natural Compounds</i> , 2003, 39, 207-211.	0.2	9
34	Ozonolysis of 11-desoxyglycyrrhetic acid and its derivatives. <i>Chemistry of Natural Compounds</i> , 2007, 43, 571-575.	0.2	9
35	New Stereoisomeric Glycyrrhetic Acid Derivatives and their Hypoglycemic Activity. <i>Chemistry of Natural Compounds</i> , 2014, 50, 1042-1046.	0.2	9
36	Synthesis and Antiulcer Activity of 3-O-Acylated Glycyrrhetic Acid Methylates. <i>Pharmaceutical Chemistry Journal</i> , 2001, 35, 243-246.	0.3	8

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37	Oxidation of betulin and its acetates with dimethyldioxirane. <i>Mendeleev Communications</i> , 2004, 14, 221-223.	0.6	8
38	Synthesis of glycyrrhizic acid conjugates containing L-lysine. <i>Chemistry of Natural Compounds</i> , 2006, 42, 543-548.	0.2	8
39	Synthesis of 2,11-dioxo-norolean A(1)-12,18(19)-dien-30-oic acid. <i>Chemistry of Natural Compounds</i> , 2011, 47, 76-78.	0.2	8
40	Synthesis and Antiviral Activity of Amino-Acid Conjugates of Glycyrrhetic Acid. <i>Chemistry of Natural Compounds</i> , 2014, 50, 473-477.	0.2	8
41	Glycyrrhizic Acid Derivatives as New Antiviral and Immune Modulating Agents. <i>Current Bioactive Compounds</i> , 2021, 17, 41-58.	0.2	8
42	Antidotal and antiradical activity of complexes of $\beta$ -glycyrrhizic acid with pyrimidine derivatives. <i>Pharmaceutical Chemistry Journal</i> , 1996, 30, 320-322.	0.3	7
43	Obtaining Glycyrrhizic Acid and Its Practically Useful Salts from a Commercial Licorice Root Extract. <i>Pharmaceutical Chemistry Journal</i> , 2005, 39, 84-88.	0.3	7
44	Synthesis and anti-HIV activity of triterpene conjugates of $\beta$ -D-glucosamine. <i>Pharmaceutical Chemistry Journal</i> , 2008, 42, 64.	0.3	7
45	Beckmann rearrangement of 11-deoxo-glycyrrhetic acid 3-ketoxime. <i>Chemistry of Natural Compounds</i> , 2009, 45, 519.	0.2	7
46	Synthesis and identification of quercetin benzyl ethers. <i>Russian Journal of General Chemistry</i> , 2014, 84, 1711-1715.	0.3	7
47	New Amino-Acid Conjugates of Glycyrrhizic Acid. <i>Chemistry of Natural Compounds</i> , 2014, 50, 317-320.	0.2	7
48	Synthesis of amino acid conjugates of glycyrrhizic acid using N-hydroxyphthalimide and N,N'-dicyclohexylcarbodiimide. <i>Russian Journal of General Chemistry</i> , 2015, 85, 2735-2738.	0.3	7
49	Synthesis and Antiviral Activity of Glycyrrhizic-Acid Conjugates with Aromatic Amino Acids. <i>Chemistry of Natural Compounds</i> , 2017, 53, 1096-1100.	0.2	7
50	Synthesis of new hetero- and carbocyclic aromatic amides of glycyrrhizic acid as potential anti-HIV agents. <i>Pharmaceutical Chemistry Journal</i> , 2009, 43, 383.	0.3	6
51	Synthesis and NMR Spectra of New C-Modified Glycyrrhetic Acid Derivatives. <i>Chemistry of Natural Compounds</i> , 2014, 50, 302-304.	0.2	6
52	$\beta$ -Glycyrrhizic acid drug complexes as new transport forms. <i>Pharmaceutical Chemistry Journal</i> , 1990, 24, 555-556.	0.3	5
53	Direct stereospecific synthesis of triterpene and steroid 2-deoxy- $\beta$ -glycosides. <i>Russian Chemical Bulletin</i> , 1997, 46, 1335-1338.	0.4	5
54	Glycosylation of betulin acetates with glycals. <i>Russian Chemical Bulletin</i> , 1998, 47, 513-516.	0.4	5

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55	Title is missing!. Pharmaceutical Chemistry Journal, 2000, 34, 588-591.	0.3	5
56	Synthesis and Antioxidant Activity of Quercetin Ethers. Chemistry of Natural Compounds, 2015, 51, 851-855.	0.2	5
57	New method of preparation of carboxy-protected amino acid conjugates of glycyrrhizic acid. Russian Journal of General Chemistry, 2016, 86, 826-829.	0.3	5
58	Synthesis of a 1,2,3-Thiadiazole of Butyl Glycyrrhetinate. Chemistry of Natural Compounds, 2019, 55, 692-695.	0.2	5
59	Hypoglycemic Activity of Glycyrrhizic Acid and Some of its Derivatives in the Alloxan Diabetes Model in Rats. Pharmaceutical Chemistry Journal, 2021, 55, 340.	0.3	5
60	Isomerization of glycyrrhizic acid. Antiulcer activity. Pharmaceutical Chemistry Journal, 1996, 30, 613-616.	0.3	4
61	Synthesis of Glycyrrhizic Acid from Glycyrram and Pharmacological Characterization of the Product. Pharmaceutical Chemistry Journal, 2001, 35, 40-44.	0.3	4
62	Synthesis of Triterpene Derivatives of D-Glucosamine - Modified Analogs of Glycyrrhizic Acid. Chemistry of Natural Compounds, 2005, 41, 7-10.	0.2	4
63	Synthesis and anti-HIV activity of triterpene 3-O-galactopyranosides, analogs of glycyrrhizic acid. Chemistry of Natural Compounds, 2010, 46, 576-582.	0.2	4
64	Synthesis and Anti-HIV-1 Activity of Olean-9(11),12(13)-Dien-30-Oic Acid 3 $\beta$ -(2-O- $\beta$ -D-Glucuronopyranosyl)- $\beta$ -D-Glucuronopyranoside). Pharmaceutical Chemistry Journal, 2014, 48, 439-443.	0.3	4
65	Paeoniflorin benzoates: synthesis and influence on learning and memory of aged rats in the passive avoidance task. Natural Product Research, 2021, 35, 2668-2676.	1.0	4
66	Synthesis and Anti-Microbial Activity of Benzylidenehydrazides of Glycyrrhetic Acid. Russian Journal of Bioorganic Chemistry, 2020, 46, 246-251.	0.3	4
67	1-(3-Dimethylaminopropyl)-3-Ethylcarbodiimide in the Synthesis of Glycyrrhizic Acid Amino-Acid Conjugates. Chemistry of Natural Compounds, 2020, 56, 569-571.	0.2	4
68	<sup>13</sup> C NMR spectra of a number of penta- and hexacyclic triterpenoids derived from glycyrrhetic acid. Chemistry of Natural Compounds, 1985, 21, 605-612.	0.2	3
69	Stereoselective synthesis of 2,6-dideoxy- $\beta$ -l-arabino-hexopyranoside of glycyrrhetic acid in the presence of iodine-containing promoters. Russian Chemical Bulletin, 1996, 45, 2843-2846.	0.4	3
70	Stereoselective synthesis of triterpene 2-deoxy- $\beta$ -d-lyxo-hexopyranosides. Russian Chemical Bulletin, 1997, 46, 577-581.	0.4	3
71	Stereoselective synthesis of triterpene and steroid 2-deoxy- $\beta$ -glycosides using iodonium dicollidine perchlorate. Russian Chemical Bulletin, 1997, 46, 582-585.	0.4	3
72	Synthesis of N-glycoconjugates of glycyrrhetic acid. Chemistry of Natural Compounds, 2006, 42, 67-70.	0.2	3

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73	Synthesis and Antiviral Activity of Quercetin Brominated Derivatives. <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.2	3
74	Synthesis and Hypoglycemic Activity of 11-Deoxoglycyrrhetic Acid Derivatives. <i>Chemistry of Natural Compounds</i> , 2016, 52, 441-444.	0.2	3
75	Ozonolysis of Methyl 3 $\beta$ -Hydroxyolean-9(11),12(13)-Dien-30-Oate. <i>Chemistry of Natural Compounds</i> , 2016, 52, 448-451.	0.2	3
76	Oxidation of Licorice-Root Triterpene-Acid Derivatives by m-Chloroperbenzoic Acid. <i>Chemistry of Natural Compounds</i> , 2019, 55, 88-91.	0.2	3
77	Synthesis and Anti-Inflammatory and Antiulcer Activity of a Glycyrrhizic Acid Conjugate with L-Phenylalanine Methyl Ester. <i>Pharmaceutical Chemistry Journal</i> , 2020, 54, 225-228.	0.3	3
78	Complexes of $\beta$ -glycyrrhizic acid with nonsteroidal antiinflammatory drugs as novel transport forms. <i>Pharmaceutical Chemistry Journal</i> , 1991, 25, 105-109.	0.3	2
79	Complexes of $\beta$ -glycyrrhizic acid with prostaglandins. A novel group of uterotonic active compounds. <i>Pharmaceutical Chemistry Journal</i> , 1991, 25, 197-200.	0.3	2
80	Preparation of glycyrrhizic acid from licorice extracts. <i>Pharmaceutical Chemistry Journal</i> , 1994, 28, 674-678.	0.3	2
81	Synthesis of triterpene 3-O-(2-deoxy- $\beta$ -glycosides). <i>Russian Chemical Bulletin</i> , 1995, 44, 1979-1980.	0.4	2
82	Synthesis and pharmacological properties of a series of new heterocyclic and aromatic amides of glycyrrhizic acid. <i>Pharmaceutical Chemistry Journal</i> , 1996, 30, 503-506.	0.3	2
83	Synthesis and hepatoprotector activity of 2-arylidene methylbetulonate derivatives. <i>Pharmaceutical Chemistry Journal</i> , 2000, 34, 45-47.	0.3	2
84	Synthesis of Ketals of Methyl 3-Oxo-lup-20(29)-en-28-oate. <i>Chemistry of Natural Compounds</i> , 2002, 38, 583-585.	0.2	2
85	Anti-inflammatory and antiulcer activity of the conjugate of penta-O-acetylglycyrrhizic acid with methionine methyl ester. <i>Pharmaceutical Chemistry Journal</i> , 2007, 41, 357-361.	0.3	2
86	Synthesis of Esters of the Monoterpene Glycoside Paeoniflorin. <i>Chemistry of Natural Compounds</i> , 2016, 52, 347-349.	0.2	2
87	Reaction of Paeoniflorin with Lower Alcohols in the Presence of Cation Exchanger. <i>Chemistry of Natural Compounds</i> , 2017, 53, 887-890.	0.2	2
88	Antiulcer Activity of 3-Hydroxyimino Derivatives of Minor Triterpenoids of Licorice Root. <i>Pharmaceutical Chemistry Journal</i> , 2022, 56, 163-166.	0.3	2
89	Synthesis and antiphlogistic activity of protected glycopeptides of glycyrrhizic acid. <i>Pharmaceutical Chemistry Journal</i> , 1988, 22, 460-462.	0.3	1
90	$^{13}\text{C}$ NMR spectra of biologically active compounds. VIII. Stereochemistry of a triterpeneglycoside " Glycyrrhizic acid " And its derivatives. <i>Chemistry of Natural Compounds</i> , 1989, 25, 426-430.	0.2	1

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91	Synthesis of glycopeptide derivatives of glycyrrhizic acid and their immunomodulatory properties. <i>Pharmaceutical Chemistry Journal</i> , 1990, 24, 110-114.	0.3	1
92	Trisubstituted salts of $\beta$ -glycyrrhizic acid having antiinflammatory and antiulcerous activity. <i>Pharmaceutical Chemistry Journal</i> , 1991, 25, 201-206.	0.3	1
93	Stereoselective synthesis of 2-deoxy- $\beta$ -D-arabino-hexopyranosides of triterpene alcohols. <i>Russian Chemical Bulletin</i> , 1996, 45, 2222-2228.	0.4	1
94	Antiinflammatory and antiulcer properties of 3-O-( $\beta$ -D-glucopyranosyl-(1 $\rightarrow$ 2)- $\beta$ -D-glucopyranoside) derivatives of steroidal alcohols. <i>Pharmaceutical Chemistry Journal</i> , 1997, 31, 480-481.	0.3	1
95	Reduction of glycyrrhizic acid. <i>Russian Chemical Bulletin</i> , 1997, 46, 841-843.	0.4	1
96	Synthesis of Methyl [3,2-c]-Pyrazol-lup-20(29)-en-28-oate. <i>Chemistry of Natural Compounds</i> , 2002, 38, 577-578.	0.2	1
97	Resonant electron capture by quercetin derivatives. <i>High Energy Chemistry</i> , 2015, 49, 129-132.	0.2	1
98	Synthesis of Stereoisomeric 2,3-Dihydroxy-11-Oxoolean-12-En-30-Oic Acids. <i>Chemistry of Natural Compounds</i> , 2019, 55, 768-769.	0.2	1
99	Synthesis and Hypoglycemic Activity of 2 $\beta$ ,3 $\beta$ -Dihydroxy-18 $\beta$ -H-Olean-12-EN-30-OIC Acid. <i>Chemistry of Natural Compounds</i> , 2020, 56, 376-378.	0.2	1
100	Sterospecificity of mass spectra of negative ions of hexopyranose peracetates. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , 1976, 25, 1587-1587.	0.0	0
101	Mass spectrometry of negative ions and the stereochemistry of organic compounds. <i>Bulletin of the Academy of Sciences of the USSR Division of Chemical Science</i> , 1977, 26, 964-967.	0.0	0
102	Mass spectrometry of negative ions and the stereochemistry of organic compounds. IV. Acetates of epimeric diterpene glycols. <i>Chemistry of Natural Compounds</i> , 1978, 14, 385-388.	0.2	0
103	Mass spectra of the negative ions of some steroids. <i>Chemistry of Natural Compounds</i> , 1982, 18, 435-439.	0.2	0
104	Study of antiinflammatory activity of a series of ureido derivatives of pentaacetylglycyrrhizic acid. <i>Pharmaceutical Chemistry Journal</i> , 1985, 19, 573-576.	0.3	0
105	Novel amides of pentaacetylglycyrrhizic acid and their antiinflammatory activity. <i>Pharmaceutical Chemistry Journal</i> , 1989, 23, 728-731.	0.3	0
106	GLC determination of 6-methyluracil in hydroxymethacil. <i>Pharmaceutical Chemistry Journal</i> , 1990, 24, 297-299.	0.3	0
107	Synthesis of bisuracil sulfolane derivatives. <i>Chemistry of Heterocyclic Compounds</i> , 1990, 26, 1030-1032.	0.6	0
108	Synthesis of acylthio derivatives of penta-O-acetylglycyrrhizic acid. Antiinflammatory and antiulcerous properties. <i>Pharmaceutical Chemistry Journal</i> , 1991, 25, 705-710.	0.3	0

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109	Salts of ?-glycyrrhizic acid as stimulants of reparative skin regeneration. <i>Pharmaceutical Chemistry Journal</i> , 1991, 25, 309-311.	0.3	0
110	Synthesis of 5-hydroxy-6-methyluracil 3-?-D-ribofuranoside. <i>Chemistry of Heterocyclic Compounds</i> , 1991, 27, 623-626.	0.6	0
111	Transformation of glycyrrhizic acid. VII. Synthesis of triterpene glycopeptides containing alkyl esters of L-amino acids. <i>Chemistry of Natural Compounds</i> , 1994, 30, 238-244.	0.2	0
112	Pharmacological properties of novel glycopeptides of glycyrrhizic acid. <i>Pharmaceutical Chemistry Journal</i> , 1995, 29, 45-48.	0.3	0
113	Antiinflammatory and antiulcer properties of newly synthesized esters of glycyrrhizic acid. <i>Pharmaceutical Chemistry Journal</i> , 1997, 31, 413-415.	0.3	0
114	Interaction of singlet oxygen with biomolecules, 2.1O <sub>2</sub> quenching by glycyrrhizic acid derivatives. <i>Reaction Kinetics and Catalysis Letters</i> , 1998, 63, 279-282.	0.6	0
115	Synthesis of Benzyl Esters of Glycyrrhizic Acid in the Presence of Phase-Transfer Catalysts. <i>Russian Journal of General Chemistry</i> , 2001, 71, 1601-1604.	0.3	0
116	Synthesis and pharmacological properties of penta-O-acetylglycyrrhizic acid conjugate with L-alanine methyl ester. <i>Pharmaceutical Chemistry Journal</i> , 2007, 41, 197-199.	0.3	0
117	Methylation of Quercetin by Diazomethane and Hypoglycemic Activity of its Tetra-O-Methyl Ether. <i>Chemistry of Natural Compounds</i> , 2020, 56, 837-841.	0.2	0
118	Синтез и фармакологические свойства пента-О-ацетилглицирризиновой кислоты конъюгата с метилэстером L-аланина. <i>Фармацевтический журнал</i> , 2007, 41, 197-199.		
119	Синтез бензилэстеров глицирризиновой кислоты в присутствии катализаторов переноса фазы. <i>Русский журнал общей химии</i> , 2001, 71, 1601-1604.		
120	Синтез и фармакологические свойства конъюгата пента-О-ацетилглицирризиновой кислоты с метилэстером L-аланина. <i>Фармацевтический журнал</i> , 2007, 41, 197-199.		
121	Синтез тетра-О-метилэфира кверцетина диазометаном и гипогликемическая активность. <i>Химия природных соединений</i> , 2020, 56, 837-841.		
122	Синтез и фармакологические свойства конъюгата пента-О-ацетилглицирризиновой кислоты с метилэстером L-аланина. <i>Фармацевтический журнал</i> , 2007, 41, 197-199.		