

Lidia A Baltina

List of Publications by Citations

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115
papers

1,376
citations

17
h-index

33
g-index

142
ext. papers

1,600
ext. citations

1.2
avg, IF

4.17
L-index

#	Paper	IF	Citations
115	Antiviral activity of glycyrrhizic acid derivatives against SARS-coronavirus. <i>Journal of Medicinal Chemistry</i> , 2005 , 48, 1256-9	8.3	246
114	Chemical modification of glycyrrhizic acid as a route to new bioactive compounds for medicine. <i>Current Medicinal Chemistry</i> , 2003 , 10, 155-71	4.3	184
113	Lupane triterpenes and derivatives with antiviral activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2003 , 13, 3549-52	2.9	78
112	Inhibitory effects of some derivatives of glycyrrhizic acid against Epstein-Barr virus infection: structure-activity relationships. <i>Antiviral Research</i> , 2008 , 79, 6-11	10.8	57
111	Prospects for the creation of new antiviral drugs based on glycyrrhizic acid and its derivatives (a review). <i>Pharmaceutical Chemistry Journal</i> , 2009 , 43, 539-548	0.9	49
110	Synthesis of Betulinic Acid from Betulin Extract and Study of the Antiviral and Antiulcer Activity of Some Related Terpenoids. <i>Pharmaceutical Chemistry Journal</i> , 2002 , 36, 484-487	0.9	44
109	Glycyrrhizic acid derivatives as influenza A/H1N1 virus inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2015 , 25, 1742-1746	2.9	36
108	Synthesis and Pharmacological Activity of Betulin, Betulinic Acid, and Allobetulin Esters. <i>Pharmaceutical Chemistry Journal</i> , 2005 , 39, 401-404	0.9	29
107	Synthesis and Pharmacological Activity of Acylated Betulonic Acid Oxides and 28-Oxo-Allobetulone. <i>Pharmaceutical Chemistry Journal</i> , 2004 , 38, 148-152	0.9	20
106	High-Resolution ¹ H and ¹³ C NMR of Glycyrrhizic Acid and Its Esters. <i>Chemistry of Natural Compounds</i> , 2005 , 41, 432-435	0.7	20
105	Synthesis of 3-O-Acetylbetulinic And Betulonic Aldehydes According to Svern and the Pharmacological Activity of Related Oximes. <i>Pharmaceutical Chemistry Journal</i> , 2002 , 36, 303-306	0.9	19
104	The synthesis and hepatoprotective activity of esters of the lupane group triterpenoids. <i>Russian Journal of Bioorganic Chemistry</i> , 2000 , 26, 192-200	1	19
103	Crystalline Glycyrrhizic Acid Synthesized from Commercial Glycyrram. Immunomodulant Properties of High-Purity Glycyrrhizic Acid. <i>Pharmaceutical Chemistry Journal</i> , 2001 , 35, 101-104	0.9	17
102	Glycyrrhizic acid derivatives as Dengue virus inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019 , 29, 126645	2.9	15
101	Synthesis and Antiviral Activity of Lupane Triterpenoids and Their Derivatives. <i>Pharmaceutical Chemistry Journal</i> , 2004 , 38, 355-358	0.9	14
100	Glycals in the stereoselective synthesis of triterpene 2-deoxy- α -L-glycosides under conditions of acidic catalysis. <i>Journal of Natural Products</i> , 2000 , 63, 992-4	4.9	14
99	Glycyrrhetic acid (a review). <i>Pharmaceutical Chemistry Journal</i> , 1998 , 32, 402-412	0.9	13

98	Selective Oxidation of Triterpene Alcohols by Sodium Hypochlorite. <i>Chemistry of Natural Compounds</i> , 2004 , 40, 141-143	0.7	13
97	Synthesis and Antiinflammatory Activity of New Acylated Betulin Derivatives. <i>Pharmaceutical Chemistry Journal</i> , 2002 , 36, 488-491	0.9	13
96	Synthesis and anti-HIV-1 activity of new conjugates of 18- and 18-glycyrrhizic acids with aspartic acid esters. <i>Chemistry of Natural Compounds</i> , 2012 , 48, 262-266	0.7	12
95	Synthesis of new derivatives of 3-hydroxy-18-olean-9,12-dien-30-oic acid. <i>Chemistry of Natural Compounds</i> , 2009 , 45, 393-397	0.7	11
94	Complex Compounds of Glycyrrhizic Acid with Antimicrobial Drugs. <i>Pharmaceutical Chemistry Journal</i> , 2003 , 37, 485-488	0.9	11
93	Antiviral Activity of Acyl Derivatives of Betulin and Betulinic and Dihydroquinopimaric Acids. <i>Russian Journal of Bioorganic Chemistry</i> , 2018 , 44, 740-744	1	11
92	Synthesis and antiviral activity of 18-glycyrrhizic acid and its esters. <i>Pharmaceutical Chemistry Journal</i> , 2010 , 44, 299-302	0.9	10
91	Synthesis and high-resolution NMR spectra of A-nor-derivatives of 11-deoxyglycyrrhetic acid. <i>Chemistry of Natural Compounds</i> , 2006 , 42, 553-557	0.7	10
90	Synthesis of 4,5-Seco-Derivatives of Allobetulin. <i>Chemistry of Natural Compounds</i> , 2004 , 40, 247-249	0.7	9
89	Ozonolysis of 11-desoxoglycyrrhetic acid and its derivatives. <i>Chemistry of Natural Compounds</i> , 2007 , 43, 571-575	0.7	8
88	Synthetic Transformations of Higher Terpenoids: XI. Synthesis of A-Nor-5bH-19b,28-epoxy-18a-olean-3-one Derivatives. <i>Russian Journal of Organic Chemistry</i> , 2004 , 40, 1092-1097	0.7	8
87	Oxidation of Betulin and Its Monoacetates by Activated DMSO. <i>Chemistry of Natural Compounds</i> , 2003 , 39, 207-211	0.7	8
86	Hydrolysis of 8-glycyrrhizic acid. <i>Pharmaceutical Chemistry Journal</i> , 1996 , 30, 263-266	0.9	8
85	Synthesis and Antitumor Activity of Complex Compounds of 8-Glycyrrhizic Acid with Antitumor Drugs. <i>Pharmaceutical Chemistry Journal</i> , 2001 , 35, 585-587	0.9	7
84	Synthesis and Antiviral Activity of Amino-Acid Conjugates of Glycyrrhetic Acid. <i>Chemistry of Natural Compounds</i> , 2014 , 50, 473-477	0.7	6
83	New Amino-Acid Conjugates of Glycyrrhizic Acid. <i>Chemistry of Natural Compounds</i> , 2014 , 50, 317-320	0.7	6
82	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	1	6
81	Synthesis of glycyrrhizic acid conjugates containing L-lysine. <i>Chemistry of Natural Compounds</i> , 2006 , 42, 543-548	0.7	6

80	Oxidation of betulin and its acetates with dimethyldioxirane. <i>Mendeleev Communications</i> , 2004 , 14, 221-223	0.9	6
79	Obtaining Glycyrrhizic Acid and Its Practically Useful Salts from a Commercial Licorice Root Extract. <i>Pharmaceutical Chemistry Journal</i> , 2005 , 39, 84-88	0.9	6
78	Synthesis and Antiulcer Activity of 3-O-Acylated Glycyrrhetic Acid Methylates. <i>Pharmaceutical Chemistry Journal</i> , 2001 , 35, 243-246	0.9	6
77	Antidotal and antiradical activity of complexes of glycyrrhizic acid with pyrimidine derivatives. <i>Pharmaceutical Chemistry Journal</i> , 1996 , 30, 320-322	0.9	6
76	Synthesis and NMR Spectra of New C-Modified Glycyrrhetic Acid Derivatives. <i>Chemistry of Natural Compounds</i> , 2014 , 50, 302-304	0.7	5
75	Synthesis and Antiviral Activity of Glycyrrhizic-Acid Conjugates with Aromatic Amino Acids. <i>Chemistry of Natural Compounds</i> , 2017 , 53, 1096-1100	0.7	5
74	Synthesis of amino acid conjugates of glycyrrhizic acid using -hydroxyphthalimide and ,'-dicyclohexylcarbodiimide. <i>Russian Journal of General Chemistry</i> , 2015 , 85, 2735-2738	0.7	5
73	Synthesis and identification of quercetin benzyl ethers. <i>Russian Journal of General Chemistry</i> , 2014 , 84, 1711-1715	0.7	5
72	New Stereoisomeric Glycyrrhetic Acid Derivatives and their Hypoglycemic Activity. <i>Chemistry of Natural Compounds</i> , 2014 , 50, 1042-1046	0.7	5
71	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	0.7	5
70	Beckmann rearrangement of 11-deoxo-glycyrrhetic acid 3-ketoxime. <i>Chemistry of Natural Compounds</i> , 2009 , 45, 519	0.7	5
69	Synthesis of new hetero- and carbocyclic aromatic amides of glycyrrhizic acid as potential anti-HIV agents. <i>Pharmaceutical Chemistry Journal</i> , 2009 , 43, 383	0.9	5
68	Direct stereospecific synthesis of triterpene and steroid 2-deoxy-glycosides. <i>Russian Chemical Bulletin</i> , 1997 , 46, 1335-1338	1.7	5
67	Synthesis and anti-HIV activity of triterpene conjugates of D-glucosamine. <i>Pharmaceutical Chemistry Journal</i> , 2008 , 42, 64	0.9	5
66	Glycyrrhetic acid derivatives as Zika virus inhibitors: Synthesis and antiviral activity in vitro. <i>Bioorganic and Medicinal Chemistry</i> , 2021 , 41, 116204	3.4	5
65	Synthesis and Antioxidant Activity of Quercetin Ethers. <i>Chemistry of Natural Compounds</i> , 2015 , 51, 851-855	0.7	4
64	New method of preparation of carboxy-protected amino acid conjugates of glycyrrhizic acid. <i>Russian Journal of General Chemistry</i> , 2016 , 86, 826-829	0.7	4
63	Synthesis and anti-HIV activity of triterpene 3-O-galactopyranosides, analogs of glycyrrhizic acid. <i>Chemistry of Natural Compounds</i> , 2010 , 46, 576-582	0.7	4

62	Glycosylation of betulin acetates with glycals. <i>Russian Chemical Bulletin</i> , 1998 , 47, 513-516	1.7	4
61	The Synthesis and the Anti-Inflammatory and Antiulcer Activities of a Number of 2-Substituted Derivatives of Betulonic Acid, Methylbetulone, and Lupenone. <i>Pharmaceutical Chemistry Journal</i> , 2000 , 34, 588-591	0.9	4
60	Antiviral activity of glycyrrhizic acid conjugates with amino acid esters against Zika virus. <i>Virus Research</i> , 2021 , 294, 198290	6.4	4
59	Synthesis and Anti-HIV-1 Activity of Olean-9(11),12(13)-Dien-30-Oic Acid 3 β -(2-O- β -D-Glucuronopyranosyl- β -D-Glucuronopyranoside). <i>Pharmaceutical Chemistry Journal</i> , 2014 , 48, 439-443	0.9	3
58	Synthesis of Triterpene Derivatives of D-Glucosamine - Modified Analogs of Glycyrrhizic Acid. <i>Chemistry of Natural Compounds</i> , 2005 , 41, 7-10	0.7	3
57	Synthesis of Glycyrrhizic Acid from Glycyrram and Pharmacological Characterization of the Product. <i>Pharmaceutical Chemistry Journal</i> , 2001 , 35, 40-44	0.9	3
56	Isomerization of glycyrrhizic acid. Antiulcer activity. <i>Pharmaceutical Chemistry Journal</i> , 1996 , 30, 613-616	0.9	3
55	β -Glycyrrhizic acid drug complexes as new transport forms. <i>Pharmaceutical Chemistry Journal</i> , 1990 , 24, 555-556	0.9	3
54	^{13}C NMR spectra of a number of penta- and hexacyclic triterpenoids derived from glycyrrhetic acid. <i>Chemistry of Natural Compounds</i> , 1985 , 21, 605-612	0.7	3
53	Paeoniflorin benzoates: synthesis and influence on learning and memory of aged rats in the passive avoidance task. <i>Natural Product Research</i> , 2021 , 35, 2668-2676	2.3	2
52	Stereoselective synthesis of triterpene 2-deoxy- β -lyxo-hexopyranosides. <i>Russian Chemical Bulletin</i> , 1997 , 46, 577-581	1.7	2
51	Stereoselective synthesis of triterpene and steroid 2-deoxy- β -glycosides using iodonium dicollidine perchlorate. <i>Russian Chemical Bulletin</i> , 1997 , 46, 582-585	1.7	2
50	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	0.9	2
49	Synthesis of N-glycoconjugates of glycyrrhetic acid. <i>Chemistry of Natural Compounds</i> , 2006 , 42, 67-70	0.7	2
48	Synthesis of Ketals of Methyl 3-Oxo-lup-20(29)-en-28-oate. <i>Chemistry of Natural Compounds</i> , 2002 , 38, 583-585	0.7	2
47	Preparation of glycyrrhizic acid from licorice extracts. <i>Pharmaceutical Chemistry Journal</i> , 1994 , 28, 674-678	0.9	2
46	Glycyrrhizic Acid Derivatives as New Antiviral and Immune Modulating Agents. <i>Current Bioactive Compounds</i> , 2021 , 17, 41-58	0.9	2
45	Synthesis of Esters of the Monoterpene Glycoside Paeoniflorin. <i>Chemistry of Natural Compounds</i> , 2016 , 52, 347-349	0.7	2

44	Synthesis and Hypoglycemic Activity of 11-Deoxoglycyrrhetic Acid Derivatives. <i>Chemistry of Natural Compounds</i> , 2016 , 52, 441-444	0.7	2
43	Ozonolysis of Methyl 3 β -Hydroxyolean-9(11),12(13)-Dien-30-Oate. <i>Chemistry of Natural Compounds</i> , 2016 , 52, 448-451	0.7	2
42	Reaction of Paeoniflorin with Lower Alcohols in the Presence of Cation Exchanger. <i>Chemistry of Natural Compounds</i> , 2017 , 53, 887-890	0.7	1
41	Resonant electron capture by quercetin derivatives. <i>High Energy Chemistry</i> , 2015 , 49, 129-132	0.9	1
40	Synthesis and Anti-Microbial Activity of Benzylidenehydrazides of Glycyrrhetic Acid. <i>Russian Journal of Bioorganic Chemistry</i> , 2020 , 46, 246-251	1	1
39	Synthesis of a 1,2,3-Thiadiazole of Butyl Glycyrrhetinate. <i>Chemistry of Natural Compounds</i> , 2019 , 55, 692-695	0.7	1
38	Synthesis and Antiviral Activity of Quercetin Brominated Derivatives. <i>Natural Product Communications</i> , 2015 , 10, 1934578X1501000	0.9	1
37	Antiinflammatory and antiulcer properties of 3-O-(β -D-glucopyranosyl-(1 \rightarrow 2)- β -D-glucopyranoside) derivatives of steroidal alcohols. <i>Pharmaceutical Chemistry Journal</i> , 1997 , 31, 480-481	0.9	1
36	Synthesis of triterpene 3-O-(2-deoxy- β -glycosides). <i>Russian Chemical Bulletin</i> , 1995 , 44, 1979-1980	1.7	1
35	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	0.9	1
34	Stereoselective synthesis of 2,6-dideoxy- β -arabino-hexopyranoside of glycyrrhetic acid in the presence of iodine-containing promoters. <i>Russian Chemical Bulletin</i> , 1996 , 45, 2843-2846	1.7	1
33	Stereoselective synthesis of 2-deoxy- β -arabino-hexopyranosides of triterpene alcohols. <i>Russian Chemical Bulletin</i> , 1996 , 45, 2222-2228	1.7	1
32	Complexes of β glycyrrhizic acid with nonsteroidal antiinflammatory drugs as novel transport forms. <i>Pharmaceutical Chemistry Journal</i> , 1991 , 25, 105-109	0.9	1
31	Complexes of β glycyrrhizic acid with prostaglandins. A novel group of uterotonically active compounds. <i>Pharmaceutical Chemistry Journal</i> , 1991 , 25, 197-200	0.9	1
30	Trisubstituted salts of β glycyrrhizic acid having antiinflammatory and antiulcerous activity. <i>Pharmaceutical Chemistry Journal</i> , 1991 , 25, 201-206	0.9	1
29	¹³ C NMR spectra of biologically active compounds. VIII. Stereochemistry of a triterpeneglycoside [β glycyrrhizic acid] and its derivatives. <i>Chemistry of Natural Compounds</i> , 1989 , 25, 426-430	0.7	1
28	Synthesis of glycopeptide derivatives of glycyrrhizic acid and their immunomodulatory properties. <i>Pharmaceutical Chemistry Journal</i> , 1990 , 24, 110-114	0.9	1
27	Synthesis and antiphlogistic activity of protected glycopeptides of glycyrrhizic acid. <i>Pharmaceutical Chemistry Journal</i> , 1988 , 22, 460-462	0.9	1

26	Oxidation of Licorice-Root Triterpene-Acid Derivatives by m-Chloroperbenzoic Acid. <i>Chemistry of Natural Compounds</i> , 2019 , 55, 88-91	0.7	1
25	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	0.9	0
24	1-(3-Dimethylaminopropyl)-3-Ethylcarbodiimide in the Synthesis of Glycyrrhizic Acid Amino-Acid Conjugates. <i>Chemistry of Natural Compounds</i> , 2020 , 56, 1-3	0.7	0
23	Hypoglycemic Activity of Glycyrrhizic Acid and Some of its Derivatives in the Alloxan Diabetes Model in Rats. <i>Pharmaceutical Chemistry Journal</i> , 2021 , 55, 340	0.9	0
22	Synthesis and Hypoglycemic Activity of 2 β ,3-Dihydroxy-18 β -Olean-12-En-30-Oic Acid. <i>Chemistry of Natural Compounds</i> , 2020 , 56, 376-378	0.7	
21	Synthesis of Stereoisomeric 2,3-Dihydroxy-11-Oxoolean-12-En-30-Oic Acids. <i>Chemistry of Natural Compounds</i> , 2019 , 55, 768-769	0.7	
20	Antiinflammatory and antiulcer properties of newly synthesized esters of glycyrrhizic acid. <i>Pharmaceutical Chemistry Journal</i> , 1997 , 31, 413-415	0.9	
19	Reduction of glycyrrhizic acid. <i>Russian Chemical Bulletin</i> , 1997 , 46, 841-843	1.7	
18	Interaction of singlet oxygen with biomolecules, 2.1O ₂ quenching by glycyrrhizic acid derivatives. <i>Reaction Kinetics and Catalysis Letters</i> , 1998 , 63, 279-282		
17	Synthesis and pharmacological properties of penta-O-acetylglycyrrhizic acid conjugate with L-alanine methyl ester. <i>Pharmaceutical Chemistry Journal</i> , 2007 , 41, 197-199	0.9	
16	Synthesis of Methyl [3,2-c]-Pyrazol-lup-20(29)-en-28-oate. <i>Chemistry of Natural Compounds</i> , 2002 , 38, 577-578	0.7	
15	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	0.7	
14	Synthesis and hepatoprotector activity of 2-arylidene methylbetulonate derivatives. <i>Pharmaceutical Chemistry Journal</i> , 2000 , 34, 45-47	0.9	
13	Pharmacological properties of novel glycopeptides of glycyrrhizic acid. <i>Pharmaceutical Chemistry Journal</i> , 1995 , 29, 45-48	0.9	
12	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	0.7	
11	Synthesis of acylthio derivatives of penta-O-acetylglycyrrhizic acid. Antiflammatory and antiulcerous properties. <i>Pharmaceutical Chemistry Journal</i> , 1991 , 25, 705-710	0.9	
10	Salts of glycyrrhizic acid as stimulants of reparative skin regeneration. <i>Pharmaceutical Chemistry Journal</i> , 1991 , 25, 309-311	0.9	
9	Synthesis of 5-hydroxy-6-methyluracil 3 β -D-ribofuranoside. <i>Chemistry of Heterocyclic Compounds</i> , 1991 , 27, 623-626	1.4	

- 8 Novel amides of pentaacetylglycyrrhizic acid and their antiinflammatory activity. *Pharmaceutical Chemistry Journal*, **1989**, 23, 728-731 0.9
- 7 GLC determination of 6-methyluracil in hydroxymethacil. *Pharmaceutical Chemistry Journal*, **1990**, 24, 297-299 0.9
- 6 Synthesis of bisuracil sulfolane derivatives. *Chemistry of Heterocyclic Compounds*, **1990**, 26, 1030-1032 1.4
- 5 Study of antiinflammatory activity of a series of ureido derivatives of pentaacetylglycyrrhizic acid. *Pharmaceutical Chemistry Journal*, **1985**, 19, 573-576 0.9
- 4 Mass spectra of the negative ions of some steroids. *Chemistry of Natural Compounds*, **1982**, 18, 435-439 0.7
- 3 Mass spectrometry of negative ions and the stereochemistry of organic compounds. *Bulletin of the Academy of Sciences of the USSR Division of Chemical Science*, **1977**, 26, 964-967
- 2 Mass spectrometry of negative ions and the stereochemistry of organic compounds. IV. Acetates of epimeric diterpene glycols. *Chemistry of Natural Compounds*, **1978**, 14, 385-388 0.7
- 1 Methylation of Quercetin by Diazomethane and Hypoglycemic Activity of its Tetra-O-Methyl Ether. *Chemistry of Natural Compounds*, **2020**, 56, 837-841 0.7