Evelina L Zdorovenko

List of Publications by Year
in descending order

73	910	516710 16	580821 25
papers	citations	h-index	g-index

75	75	75	844
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Function of bacteriophage G7C esterase tailspike in host cell adsorption. Molecular Microbiology, 2017, 105, 385-398.	2.5	84
2	Structure of the O-specific polysaccharide of the lipopolysaccharide of Azospirillum brasilense Sp245. Carbohydrate Research, 2002, 337, 869-872.	2.3	60
3	Variations in O-Antigen Biosynthesis and O-Acetylation Associated with Altered Phage Sensitivity in Escherichia coli 4s. Journal of Bacteriology, 2015, 197, 905-912.	2.2	54
4	Composition of the Biofilm Matrix of Cutibacterium acnes Acneic Strain RT5. Frontiers in Microbiology, 2019, 10, 1284.	3.5	37
5	The Lipopolysaccharide from Capnocytophaga canimorsus Reveals an Unexpected Role of the Core-Oligosaccharide in MD-2 Binding. PLoS Pathogens, 2012, 8, e1002667.	4.7	32
6	Structure of the O-polysaccharide of the lipopolysaccharide of Azospirillum irakense KBC1. Carbohydrate Research, 2004, 339, 1813-1816.	2.3	29
7	Host Specificity of the Dickeya Bacteriophage PP35 Is Directed by a Tail Spike Interaction With Bacterial O-Antigen, Enabling the Infection of Alternative Non-pathogenic Bacterial Host. Frontiers in Microbiology, 2018, 9, 3288.	3.5	28
8	Structural heterogeneity in the lipopolysaccharides of Pseudomonas syringae with O-polysaccharide chains having different repeating units. Carbohydrate Research, 2001, 336, 329-336.	2.3	27
9	Structural analysis of the O-polysaccharide from the lipopolysaccharide of Azospirillum brasilense S17. Carbohydrate Research, 2008, 343, 810-816.	2.3	26
10	Structural studies of the O-specific polysaccharide(s) from the lipopolysaccharide of Azospirillum brasilense type strain Sp7. Carbohydrate Research, 2013, 380, 76-80.	2.3	23
11	Location of the O-methyl groups in the O polysaccharide of Pseudomonas syringae pv. phaseolicola. Carbohydrate Research, 2001, 330, 505-510.	2.3	22
12	Structure of the O-polysaccharide from the Azospirillum lipoferum Sp59b lipopolysaccharide. Carbohydrate Research, 2005, 340, 1259-1263.	2.3	20
13	Structure of the cell wall polysaccharides of probiotic bifidobacteria Bifidobacteriumbifidum BIM B-465. Carbohydrate Research, 2009, 344, 2417-2420.	2.3	20
14	Structure of the core oligosaccharide of a rough-type lipopolysaccharide of Pseudomonas syringae pv. phaseolicola. FEBS Journal, 2004, 271, 4968-4977.	0.2	19
15	Structure of the Major O-Specific Polysaccharide from the Lipopolysaccharide of Pseudomonas fluorescens BIM B-582: Identification of 4-Deoxy-<scp>d</scp>-xylo-hexose As a Component of Bacterial Polysaccharides. Journal of Natural Products, 2011, 74, 2161-2167.	3.0	18
16	Structure of the O polysaccharide and serological classification of Pseudomonas syringae pv. ribicola NCPPB 1010. FEBS Journal, 2000, 267, 2372-2379.	0.2	16
17	Somatic antigens of pseudomonads: structure of the O-specific polysaccharide of Pseudomonas fluorescens IMV 2366 (biovar C). Carbohydrate Research, 2002, 337, 2365-2370.	2.3	15
18	Lipopolysaccharide of Pantoea agglomerans 7969: Chemical identification, function and biological activity. Carbohydrate Polymers, 2017, 165, 351-358.	10.2	15

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19	Structure of the O-polysaccharide of the lipopolysaccharide of Rahnella aquatilis 1-95. Carbohydrate Research, 2004, 339, 1809-1812.	2.3	14
20	Structure of the O polysaccharides and serological classification of Pseudomonas syringae pv. porri from genomospecies 4. FEBS Journal, 2002, 270, 20-27.	0.2	12
21	Structural analysis of the O-antigen of the lipopolysaccharide from Azospirillum lipoferum SR65. Carbohydrate Research, 2008, 343, 2841-2844.	2.3	12
22	Structure of the Oligosaccharide Chain of the SR-Type Lipopolysaccharide of Ralstonia solanacearum Toudk-2. Biomacromolecules, 2008, 9, 2215-2220.	5.4	12
23	Structure of the O-polysaccharide of the lipopolysaccharide of Pragia fontium 97U116. Carbohydrate Research, 2010, 345, 1812-1815.	2.3	12
24	Structural analysis of the O-polysaccharide of the lipopolysaccharide from Azospirillum brasilense Jm6B2 containing 3-O-methyl-d-rhamnose (d-acofriose). Carbohydrate Research, 2012, 355, 92-95.	2.3	12
25	Structure of repeating units of a polysaccharide(s) from the lipopolysaccharide of Azospirillum brasilense SR80. Carbohydrate Research, 2013, 371, 40-44.	2.3	12
26	Structure and gene cluster of the O antigen of Escherichia coli L-19, a candidate for a new O-serogroup. Microbiology (United Kingdom), 2014, 160, 2102-2107.	1.8	12
27	Isolation and structure elucidation of two different polysaccharides from the lipopolysaccharide of Rahnella aquatilis 33071T. Carbohydrate Research, 2009, 344, 1259-1262.	2.3	11
28	Structural peculiarities of the O-specific polysaccharides of Azospirillum bacteria of serogroup III. Biochemistry (Moscow), 2011, 76, 797-802.	1.5	11
29	Structural and functional peculiarities of the lipopolysaccharide of Azospirillum brasilense SR55, isolated from the roots of Triticum durum. Microbiological Research, 2011, 166, 585-593.	5.3	11
30	Structures of two putative O-specific polysaccharides from the Rahnella aquatilis 3-95 lipopolysaccharide. Carbohydrate Research, 2006, 341, 164-168.	2.3	10
31	Isolation and structural identification of glycopolymers of Bifidobacterium bifidum BIM B-733D as putative players in pathogenesis of autoimmune thyroid diseases. Beneficial Microbes, 2013, 4, 375-391.	2.4	10
32	Structure of the O-polysaccharide of Escherichia coli O87. Carbohydrate Research, 2015, 412, 15-18.	2.3	10
33	Pantoea agglomerans P1a lipopolysaccharide: Structure of the O-specific polysaccharide and lipid A and biological activity. Carbohydrate Research, 2019, 484, 107767.	2.3	9
34	Lipopolysaccharide of Budvicia aquatica 97U124: Immunochemical properties and structure. Microbiology, 2011, 80, 372-377.	1.2	8
35	Structure of the O-polysaccharide of the lipopolysaccharide of Pseudomonas chlororaphis subsp. aureofaciens UCM B-306. Carbohydrate Research, 2015, 410, 47-50.	2.3	8
36	Elucidation of a masked repeating structure of the O-specific polysaccharide of the halotolerant soil bacteria Azospirillum halopraeferens Au4. Beilstein Journal of Organic Chemistry, 2016, 12, 636-642.	2.2	8

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37	Structure, gene cluster of the O antigen and biological activity of the lipopolysaccharide from the rhizospheric bacterium Ochrobactrum cytisi IPA7.2. International Journal of Biological Macromolecules, 2020, 154, 1375-1381.	7.5	8
38	Characterization of the lipopolysaccharide and structure of the O-specific polysaccharide of the bacterium Pseudomonas syringae pv. atrofaciens IMV 948. Biochemistry (Moscow), 2001, 66, 369-377.	1.5	7
39	Structure of the O-specific polysaccharide of the lipopolysaccharide of Rahnella aquatilis 95 U003. Carbohydrate Research, 2008, 343, 2494-2497.	2.3	7
40	Immunochemical Characterization of the Capsular Polysaccharide of Azospirillum irakense KBC1. Current Microbiology, 2013, 67, 234-239.	2.2	7
41	Structural studies of the O-specific polysaccharide from detergent degrading bacteria Pseudomonas putida TSh-18. Carbohydrate Research, 2017, 448, 1-5.	2.3	7
42	Lipopolysaccharides of Pantoea agglomerans 7604 and 8674 with structurally related O-polysaccharide chains: Chemical identification and biological properties. Carbohydrate Polymers, 2018, 181, 386-393.	10.2	7
43	O-Antigens of Escherichia coli Strains O81 and HS3-104 Are Structurally and Genetically Related, Except O-Antigen Glucosylation in E. coli HS3-104. Biochemistry (Moscow), 2018, 83, 534-541.	1.5	7
44	Structural studies of O-specific polysaccharide(s) and biological activity toward plants of the lipopolysaccharide from Azospirillum brasilense SR8. International Journal of Biological Macromolecules, 2019, 126, 246-253.	7.5	7
45	Structure of the O-polysaccharides of the lipopolysaccharides of Mesorhizobium loti HAMBI 1148 and Mesorhizobium amorphae ATCC 19655 containing two O-methylated monosaccharides. Carbohydrate Research, 2009, 344, 2519-2527.	2.3	6
46	Structure of the O-polysaccharide of Pragia fontium 27480 containing 2,3-diacetamido-2,3-dideoxy-d-mannuronic acid. Carbohydrate Research, 2011, 346, 146-149.	2.3	6
47	Structure of the O-polysaccharide of Azorhizobium caulinodans HAMBI 216; identification of 3-C-methyl-d-rhamnose as a component of bacterial polysaccharides. Carbohydrate Research, 2012, 358, 106-109.	2.3	6
48	Structure of the O-antigen of Budvicia aquatica 20186, a new bacterial polysaccharide that contains 3,6-dideoxy-4-C-[(S)-1-hydroxyethyl]-d-xylo-hexose (yersiniose A). Carbohydrate Research, 2012, 352, 219-222.	2.3	6
49	Structure of the O-specific polysaccharides from planktonic and biofilm cultures of Pseudomonas chlororaphis 449. Carbohydrate Research, 2015, 404, 93-97.	2.3	6
50	Structure of the polysaccharides from the lipopolysaccharide of Azospirillum brasilense Jm125A2. Carbohydrate Research, 2015, 416, 37-40.	2.3	6
51	Structure of the O-specific polysaccharides of Pseudomonas chlororaphis subsp. chlororaphis UCM B-106. Carbohydrate Research, 2016, 433, 1-4.	2.3	6
52	Structural analysis of the O-polysaccharide from the lipopolysaccharide of Pseudomonas putida BIM B-1100. Carbohydrate Research, 2018, 457, 8-13.	2.3	6
53	Structures of O-specific polysaccharides of Pseudomonas psyhrotolerans BIM B-1158G. Carbohydrate Research, 2018, 465, 35-39.	2.3	6
54	Structure of O-Polysaccharide and Lipid A of Pantoea Agglomerans 8488. Biomolecules, 2020, 10, 804.	4.0	6

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55	Structural studies of the O-polysaccharide of Pragia fontium 97U124 containing 2-acetamido-2,4,6-trideoxy-4-(d-glyceroyl)amino-d-glucose. Carbohydrate Research, 2012, 355, 96-99.	2.3	5
56	Structures of cell-wall phosphate-containing glycopolymers of Bifidobacterium longum BIM B-476-D. Carbohydrate Research, 2013, 373, 22-27.	2.3	5
57	Structural studies on the O-specific polysaccharide of the lipopolysaccharide from Pseudomonas donghuensis strain SVBP6, with antifungal activity against the phytopathogenic fungus Macrophomina phaseolina. International Journal of Biological Macromolecules, 2021, 182, 2019-2023.	7.5	5
58	Structural studies of the polysaccharides from the lipopolysaccharides of Azospirillum brasilense Sp246 and SpBr14. Carbohydrate Research, 2014, 398, 40-44.	2.3	4
59	Structural relationships between genetically closely related O-antigens of Escherichia coli and Shigella spp.. Biochemistry (Moscow), 2016, 81, 600-608.	1.5	4
60	Structure of the O-specific polysaccharide of Azospirillum doebereinerae type strain GSF71T. Carbohydrate Research, 2019, 478, 54-57.	2.3	4
61	Equine Intestinal O-Seroconverting Temperate Coliphage Hf4s: Genomic and Biological Characterization. Applied and Environmental Microbiology, 2021, 87, e0112421.	3.1	4
62	Structure of the O-polysaccharide of Pseudomonas syringae pv. delphinii NCPPB 1879(T) having side chains of 3-acetamido-3,6-dideoxy-D-galactose residues. Biochemistry (Moscow), 2002, 67, 558-565.	1.5	3
63	Studies on the O-specific polysaccharide of the lipopolysaccharide from the Pseudomonas mediterranea strain C5P1rad1, a bacterium pathogenic of tomato and chrysanthemum. Carbohydrate Research, 2017, 448, 48-51.	2.3	3
64	Structure of cell-wall glycopolymers of Micrococcus luteus C01. Carbohydrate Research, 2021, 506, 108356.	2.3	3
65	The O-polysaccharide of Pseudomonas syringae pv. mori NCPPB 1656 is a Î²-(1â†’2)-linked homopolymer of l-rhamnose. Carbohydrate Research, 2004, 339, 733-735.	2.3	2
66	An improved rapid method for the preparation of d-rhamnose. Carbohydrate Research, 2012, 347, 161-163.	2.3	2
67	Linear Î±-(1â€²â†’6)- d -glucan from Bifidobacterium bifidum BIM Ð’-733D is low molecular mass biopolymer with unique immunochemical properties. Carbohydrate Research, 2018, 466, 39-50.	2.3	2
68	Investigation of O-polysaccharides from bacterial strains of Pseudomonas genus as potential receptors of bacteriophage BIM BV-45. International Journal of Biological Macromolecules, 2018, 118, 1065-1072.	7.5	2
69	Structure of the O-specific polysaccharide from Azospirillum formosense CC-Nfb-7(T). Carbohydrate Research, 2020, 494, 108060.	2.3	2
70	Structures of cell-wall glycopolymers of Lactobacillus rhamnosus BIM B-1039. Carbohydrate Research, 2019, 472, 138-143.	2.3	1
71	Lipopolysaccharide of Pantoea agglomerans 7460: O-specific polysaccharide and lipid A structures and biological activity. Carbohydrate Research, 2020, 496, 108132.	2.3	1
72	O-specific polysaccharides structures of Pseudomonas strains isolated from the strawberry leaves. Carbohydrate Research, 2020, 489, 107932.	2.3	1

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73	The O-specific polysaccharides structures of Pseudomonas strains isolated from the Ficus elastica. Carbohydrate Research, 2021, 499, 108235.	2.3	0