

Evelina L Zdorovenko

List of Publications by Year in descending order

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844
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#	ARTICLE	IF	CITATIONS
1	The O-specific polysaccharides structures of <i>Pseudomonas</i> strains isolated from the <i>Ficus elastica</i> . <i>Carbohydrate Research</i> , 2021, 499, 108235.	2.3	0
2	Structural studies on the O-specific polysaccharide of the lipopolysaccharide from <i>Pseudomonas donghuensis</i> strain SVBP6, with antifungal activity against the phytopathogenic fungus <i>Macrophomina phaseolina</i> . <i>International Journal of Biological Macromolecules</i> , 2021, 182, 2019-2023.	7.5	5
3	Equine Intestinal O-Seroconverting Temperate Coliphage Hf4s: Genomic and Biological Characterization. <i>Applied and Environmental Microbiology</i> , 2021, 87, e0112421.	3.1	4
4	Structure of cell-wall glycopolymers of <i>Micrococcus luteus</i> C01. <i>Carbohydrate Research</i> , 2021, 506, 108356.	2.3	3
5	Structure, gene cluster of the O antigen and biological activity of the lipopolysaccharide from the rhizospheric bacterium <i>Ochrobactrum cytisi</i> IPA7.2. <i>International Journal of Biological Macromolecules</i> , 2020, 154, 1375-1381.	7.5	8
6	Lipopolysaccharide of <i>Pantoea agglomerans</i> 7460: O-specific polysaccharide and lipid A structures and biological activity. <i>Carbohydrate Research</i> , 2020, 496, 108132.	2.3	1
7	Structure of O-Polysaccharide and Lipid A of <i>Pantoea Agglomerans</i> 8488. <i>Biomolecules</i> , 2020, 10, 804.	4.0	6
8	Structure of the O-specific polysaccharide from <i>Azospirillum formosense</i> CC-Nfb-7(T). <i>Carbohydrate Research</i> , 2020, 494, 108060.	2.3	2
9	O-specific polysaccharides structures of <i>Pseudomonas</i> strains isolated from the strawberry leaves. <i>Carbohydrate Research</i> , 2020, 489, 107932.	2.3	1
10	<i>Pantoea agglomerans</i> P1a lipopolysaccharide: Structure of the O-specific polysaccharide and lipid A and biological activity. <i>Carbohydrate Research</i> , 2019, 484, 107767.	2.3	9
11	Composition of the Biofilm Matrix of <i>Cutibacterium acnes</i> Acneic Strain RT5. <i>Frontiers in Microbiology</i> , 2019, 10, 1284.	3.5	37
12	Structure of the O-specific polysaccharide of <i>Azospirillum doebereinae</i> type strain GSF71T. <i>Carbohydrate Research</i> , 2019, 478, 54-57.	2.3	4
13	Structures of cell-wall glycopolymers of <i>Lactobacillus rhamnosus</i> BIM B-1039. <i>Carbohydrate Research</i> , 2019, 472, 138-143.	2.3	1
14	Structural studies of O-specific polysaccharide(s) and biological activity toward plants of the lipopolysaccharide from <i>Azospirillum brasilense</i> SR8. <i>International Journal of Biological Macromolecules</i> , 2019, 126, 246-253.	7.5	7
15	Linear β -D-(1 \rightarrow 6)-D-glucan from <i>Bifidobacterium bifidum</i> BIM D'733D is low molecular mass biopolymer with unique immunochemical properties. <i>Carbohydrate Research</i> , 2018, 466, 39-50.	2.3	2
16	Structural analysis of the O-polysaccharide from the lipopolysaccharide of <i>Pseudomonas putida</i> BIM B-1100. <i>Carbohydrate Research</i> , 2018, 457, 8-13.	2.3	6
17	Lipopolysaccharides of <i>Pantoea agglomerans</i> 7604 and 8674 with structurally related O-polysaccharide chains: Chemical identification and biological properties. <i>Carbohydrate Polymers</i> , 2018, 181, 386-393.	10.2	7
18	O-Antigens of <i>Escherichia coli</i> Strains O81 and HS3-104 Are Structurally and Genetically Related, Except O-Antigen Glucosylation in <i>E. coli</i> HS3-104. <i>Biochemistry (Moscow)</i> , 2018, 83, 534-541.	1.5	7

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19	Investigation of O-polysaccharides from bacterial strains of <i>Pseudomonas</i> genus as potential receptors of bacteriophage BIM BV-45. <i>International Journal of Biological Macromolecules</i> , 2018, 118, 1065-1072.	7.5	2
20	Structures of O-specific polysaccharides of <i>Pseudomonas</i> psychrotolerans BIM B-1158G. <i>Carbohydrate Research</i> , 2018, 465, 35-39.	2.3	6
21	Host Specificity of the <i>Dickeya</i> Bacteriophage PP35 Is Directed by a Tail Spike Interaction With Bacterial O-Antigen, Enabling the Infection of Alternative Non-pathogenic Bacterial Host. <i>Frontiers in Microbiology</i> , 2018, 9, 3288.	3.5	28
22	Lipopolysaccharide of <i>Pantoea agglomerans</i> 7969: Chemical identification, function and biological activity. <i>Carbohydrate Polymers</i> , 2017, 165, 351-358.	10.2	15
23	Function of bacteriophage G7C esterase tailspike in host cell adsorption. <i>Molecular Microbiology</i> , 2017, 105, 385-398.	2.5	84
24	Structural studies of the O-specific polysaccharide from detergent degrading bacteria <i>Pseudomonas putida</i> TSh-18. <i>Carbohydrate Research</i> , 2017, 448, 1-5.	2.3	7
25	Studies on the O-specific polysaccharide of the lipopolysaccharide from the <i>Pseudomonas mediterranea</i> strain C5P1rad1, a bacterium pathogenic of tomato and chrysanthemum. <i>Carbohydrate Research</i> , 2017, 448, 48-51.	2.3	3
26	Elucidation of a masked repeating structure of the O-specific polysaccharide of the halotolerant soil bacteria <i>Azospirillum halopraeferens</i> Au4. <i>Beilstein Journal of Organic Chemistry</i> , 2016, 12, 636-642.	2.2	8
27	Structural relationships between genetically closely related O-antigens of <i>Escherichia coli</i> and <i>Shigella</i> spp.. <i>Biochemistry (Moscow)</i> , 2016, 81, 600-608.	1.5	4
28	Structure of the O-specific polysaccharides of <i>Pseudomonas chlororaphis</i> subsp. <i>chlororaphis</i> UCM B-106. <i>Carbohydrate Research</i> , 2016, 433, 1-4.	2.3	6
29	Structure of the O-specific polysaccharides from planktonic and biofilm cultures of <i>Pseudomonas chlororaphis</i> 449. <i>Carbohydrate Research</i> , 2015, 404, 93-97.	2.3	6
30	Structure of the O-polysaccharide of the lipopolysaccharide of <i>Pseudomonas chlororaphis</i> subsp. <i>aureofaciens</i> UCM B-306. <i>Carbohydrate Research</i> , 2015, 410, 47-50.	2.3	8
31	Structure of the O-polysaccharide of <i>Escherichia coli</i> O87. <i>Carbohydrate Research</i> , 2015, 412, 15-18.	2.3	10
32	Structure of the polysaccharides from the lipopolysaccharide of <i>Azospirillum brasilense</i> Jm125A2. <i>Carbohydrate Research</i> , 2015, 416, 37-40.	2.3	6
33	Variations in O-Antigen Biosynthesis and O-Acetylation Associated with Altered Phage Sensitivity in <i>Escherichia coli</i> 4s. <i>Journal of Bacteriology</i> , 2015, 197, 905-912.	2.2	54
34	Structural studies of the polysaccharides from the lipopolysaccharides of <i>Azospirillum brasilense</i> Sp246 and SpBr14. <i>Carbohydrate Research</i> , 2014, 398, 40-44.	2.3	4
35	Structure and gene cluster of the O antigen of <i>Escherichia coli</i> L-19, a candidate for a new O-serogroup. <i>Microbiology (United Kingdom)</i> , 2014, 160, 2102-2107.	1.8	12
36	Structural studies of the O-specific polysaccharide(s) from the lipopolysaccharide of <i>Azospirillum brasilense</i> type strain Sp7. <i>Carbohydrate Research</i> , 2013, 380, 76-80.	2.3	23

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37	Structures of cell-wall phosphate-containing glycopolymers of <i>Bifidobacterium longum</i> BIM B-476-D. <i>Carbohydrate Research</i> , 2013, 373, 22-27.	2.3	5
38	Structure of repeating units of a polysaccharide(s) from the lipopolysaccharide of <i>Azospirillum brasilense</i> SR80. <i>Carbohydrate Research</i> , 2013, 371, 40-44.	2.3	12
39	Immunochemical Characterization of the Capsular Polysaccharide of <i>Azospirillum irakense</i> KBC1. <i>Current Microbiology</i> , 2013, 67, 234-239.	2.2	7
40	Isolation and structural identification of glycopolymers of <i>Bifidobacterium bifidum</i> BIM B-733D as putative players in pathogenesis of autoimmune thyroid diseases. <i>Beneficial Microbes</i> , 2013, 4, 375-391.	2.4	10
41	Structure of the O-polysaccharide of <i>Azorhizobium caulinodans</i> HAMBI 216; identification of 3-C-methyl-d-rhamnose as a component of bacterial polysaccharides. <i>Carbohydrate Research</i> , 2012, 358, 106-109.	2.3	6
42	The Lipopolysaccharide from <i>Capnocytophaga canimorsus</i> Reveals an Unexpected Role of the Core-Oligosaccharide in MD-2 Binding. <i>PLoS Pathogens</i> , 2012, 8, e1002667.	4.7	32
43	An improved rapid method for the preparation of d-rhamnose. <i>Carbohydrate Research</i> , 2012, 347, 161-163.	2.3	2
44	Structure of the O-antigen of <i>Budvicia aquatica</i> 20186, a new bacterial polysaccharide that contains 3,6-dideoxy-4-C-[(S)-1-hydroxyethyl]-d-xylo-hexose (yersiniose A). <i>Carbohydrate Research</i> , 2012, 352, 219-222.	2.3	6
45	Structural analysis of the O-polysaccharide of the lipopolysaccharide from <i>Azospirillum brasilense</i> Jm6B2 containing 3-O-methyl-d-rhamnose (d-acofriose). <i>Carbohydrate Research</i> , 2012, 355, 92-95.	2.3	12
46	Structural studies of the O-polysaccharide of <i>Pragia fontium</i> 97U124 containing 2-acetamido-2,4,6-trideoxy-4-(d-glyceroyl)amino-d-glucose. <i>Carbohydrate Research</i> , 2012, 355, 96-99.	2.3	5
47	Structure of the Major O-Specific Polysaccharide from the Lipopolysaccharide of <i>Pseudomonas fluorescens</i> BIM B-582: Identification of 4-Deoxy-xylo-hexose As a Component of Bacterial Polysaccharides. <i>Journal of Natural Products</i> , 2011, 74, 2161-2167.	3.0	18
48	Structural peculiarities of the O-specific polysaccharides of <i>Azospirillum</i> bacteria of serogroup III. <i>Biochemistry (Moscow)</i> , 2011, 76, 797-802.	1.5	11
49	Lipopolysaccharide of <i>Budvicia aquatica</i> 97U124: Immunochemical properties and structure. <i>Microbiology</i> , 2011, 80, 372-377.	1.2	8
50	Structural and functional peculiarities of the lipopolysaccharide of <i>Azospirillum brasilense</i> SR55, isolated from the roots of <i>Triticum durum</i> . <i>Microbiological Research</i> , 2011, 166, 585-593.	5.3	11
51	Structure of the O-polysaccharide of <i>Pragia fontium</i> 27480 containing 2,3-diacetamido-2,3-dideoxy-d-mannuronic acid. <i>Carbohydrate Research</i> , 2011, 346, 146-149.	2.3	6
52	Structure of the O-polysaccharide of the lipopolysaccharide of <i>Pragia fontium</i> 97U116. <i>Carbohydrate Research</i> , 2010, 345, 1812-1815.	2.3	12
53	Isolation and structure elucidation of two different polysaccharides from the lipopolysaccharide of <i>Rahnella aquatilis</i> 33071T. <i>Carbohydrate Research</i> , 2009, 344, 1259-1262.	2.3	11
54	Structure of the cell wall polysaccharides of probiotic bifidobacteria <i>Bifidobacterium bifidum</i> BIM B-465. <i>Carbohydrate Research</i> , 2009, 344, 2417-2420.	2.3	20

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55	Structure of the O-polysaccharides of the lipopolysaccharides of <i>Mesorhizobium loti</i> HAMBI 1148 and <i>Mesorhizobium amorphae</i> ATCC 19655 containing two O-methylated monosaccharides. <i>Carbohydrate Research</i> , 2009, 344, 2519-2527.	2.3	6
56	Structural analysis of the O-polysaccharide from the lipopolysaccharide of <i>Azospirillum brasilense</i> S17. <i>Carbohydrate Research</i> , 2008, 343, 810-816.	2.3	26
57	Structure of the O-specific polysaccharide of the lipopolysaccharide of <i>Rahnella aquatilis</i> 95 U003. <i>Carbohydrate Research</i> , 2008, 343, 2494-2497.	2.3	7
58	Structural analysis of the O-antigen of the lipopolysaccharide from <i>Azospirillum lipoferum</i> SR65. <i>Carbohydrate Research</i> , 2008, 343, 2841-2844.	2.3	12
59	Structure of the Oligosaccharide Chain of the SR-Type Lipopolysaccharide of <i>Ralstonia solanacearum</i> Toudk-2. <i>Biomacromolecules</i> , 2008, 9, 2215-2220.	5.4	12
60	Structures of two putative O-specific polysaccharides from the <i>Rahnella aquatilis</i> 3-95 lipopolysaccharide. <i>Carbohydrate Research</i> , 2006, 341, 164-168.	2.3	10
61	Structure of the O-polysaccharide from the <i>Azospirillum lipoferum</i> Sp59b lipopolysaccharide. <i>Carbohydrate Research</i> , 2005, 340, 1259-1263.	2.3	20
62	Structure of the core oligosaccharide of a rough-type lipopolysaccharide of <i>Pseudomonas syringae</i> pv. <i>phaseolicola</i> . <i>FEBS Journal</i> , 2004, 271, 4968-4977.	0.2	19
63	The O-polysaccharide of <i>Pseudomonas syringae</i> pv. <i>mori</i> NCPPB 1656 is a β 2-(1 α '2)-linked homopolymer of l-rhamnose. <i>Carbohydrate Research</i> , 2004, 339, 733-735.	2.3	2
64	Structure of the O-polysaccharide of the lipopolysaccharide of <i>Rahnella aquatilis</i> 1-95. <i>Carbohydrate Research</i> , 2004, 339, 1809-1812.	2.3	14
65	Structure of the O-polysaccharide of the lipopolysaccharide of <i>Azospirillum irakense</i> KBC1. <i>Carbohydrate Research</i> , 2004, 339, 1813-1816.	2.3	29
66	Structure of the O polysaccharides and serological classification of <i>Pseudomonas syringae</i> pv. <i>porri</i> from genomospecies 4. <i>FEBS Journal</i> , 2002, 270, 20-27.	0.2	12
67	Structure of the O-specific polysaccharide of the lipopolysaccharide of <i>Azospirillum brasilense</i> Sp245. <i>Carbohydrate Research</i> , 2002, 337, 869-872.	2.3	60
68	Somatic antigens of pseudomonads: structure of the O-specific polysaccharide of <i>Pseudomonas fluorescens</i> IMV 2366 (biovar C). <i>Carbohydrate Research</i> , 2002, 337, 2365-2370.	2.3	15
69	Structure of the O-polysaccharide of <i>Pseudomonas syringae</i> pv. <i>delphinii</i> NCPPB 1879(T) having side chains of 3-acetamido-3,6-dideoxy-D-galactose residues. <i>Biochemistry (Moscow)</i> , 2002, 67, 558-565.	1.5	3
70	Location of the O-methyl groups in the O polysaccharide of <i>Pseudomonas syringae</i> pv. <i>phaseolicola</i> . <i>Carbohydrate Research</i> , 2001, 330, 505-510.	2.3	22
71	Characterization of the lipopolysaccharide and structure of the O-specific polysaccharide of the bacterium <i>Pseudomonas syringae</i> pv. <i>atrofaciens</i> IMV 948. <i>Biochemistry (Moscow)</i> , 2001, 66, 369-377.	1.5	7
72	Structural heterogeneity in the lipopolysaccharides of <i>Pseudomonas syringae</i> with O-polysaccharide chains having different repeating units. <i>Carbohydrate Research</i> , 2001, 336, 329-336.	2.3	27

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73	Structure of the O polysaccharide and serological classification of <i>Pseudomonas syringae</i> pv. <i>ribicola</i> NCPPB 1010. FEBS Journal, 2000, 267, 2372-2379.	0.2	16