Evguenii Vinogradov

List of Publications by Year
in descending order

234 papers	8,307 citations	53794 45 h-index	74163 75 g-index
237 all docs	237 docs citations	237 times ranked	7466 citing authors

#	Article	IF	Citations
1	Colistin Resistance in <i>Acinetobacter baumannii</i> Is Mediated by Complete Loss of Lipopolysaccharide Production. Antimicrobial Agents and Chemotherapy, 2010, 54, 4971-4977.	3.2	699
2	Identification of a General O-linked Protein Glycosylation System in Acinetobacter baumannii and Its Role in Virulence and Biofilm Formation. PLoS Pathogens, 2012, 8, e1002758.	4.7	196
3	Detection of Conserved N-Linked Glycans and Phase-variable Lipooligosaccharides and Capsules from Campylobacter Cells by Mass Spectrometry and High Resolution Magic Angle Spinning NMR Spectroscopy. Journal of Biological Chemistry, 2003, 278, 24509-24520.	3.4	180
4	Structural analysis of Francisella tularensis lipopolysaccharide. FEBS Journal, 2002, 269, 6112-6118.	0.2	165
5	A common pathway for <i><scp>O</scp></i>â€linked proteinâ€glycosylation and synthesis of capsule in <i><scp>A</scp>cinetobacter baumannii</i>. Molecular Microbiology, 2013, 89, 816-830.	2.5	158
6	Functional Characterization of Dehydratase/Aminotransferase Pairs from Helicobacter and Campylobacter. Journal of Biological Chemistry, 2006, 281, 723-732.	3.4	154
7	Cell Surface of Lactococcus lactis Is Covered by a Protective Polysaccharide Pellicle. Journal of Biological Chemistry, 2010, 285, 10464-10471.	3.4	148
8	Structures of Lipopolysaccharides from Klebsiella pneumoniae. Journal of Biological Chemistry, 2002, 277, 25070-25081.	3.4	146
9	Poly-N-acetylglucosamine mediates biofilm formation and antibiotic resistance in Actinobacillus pleuropneumoniae. Microbial Pathogenesis, 2007, 43, 1-9.	2.9	143
10	The K1 Capsular Polysaccharide from Acinetobacter baumannii Is a Potential Therapeutic Target via Passive Immunization. Infection and Immunity, 2013, 81, 915-922.	2.2	131
11	The CMP-legionaminic acid pathway in Campylobacter: Biosynthesis involving novel GDP-linked precursors. Glycobiology, 2009, 19, 715-725.	2.5	121
12	A promising bioconjugate vaccine against hypervirulent <i>Klebsiella pneumoniae</i>. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 18655-18663.	7.1	116
13	Mutation of the Lipopolysaccharide Core Glycosyltransferase Encoded by waaG Destabilizes the Outer Membrane of Escherichia coli by Interfering with Core Phosphorylation. Journal of Bacteriology, 2000, 182, 5620-5623.	2.2	112
14	Clostridium difficile cell-surface polysaccharides composed of pentaglycosyl and hexaglycosyl phosphate repeating units. Carbohydrate Research, 2008, 343, 703-710.	2.3	105
15	High-level antibiotic resistance in Pseudomonas aeruginosa biofilm: the ndvB gene is involved in the production of highly glycerol-phosphorylated Â-(1->3)-glucans, which bind aminoglycosides. Glycobiology, 2010, 20, 895-904.	2.5	101
16	Poly-N-acetylglucosamine mediates biofilm formation and detergent resistance in Aggregatibacter actinomycetemcomitans. Microbial Pathogenesis, 2008, 44, 52-60.	2.9	99
17	Differences in Lactococcal Cell Wall Polysaccharide Structure Are Major Determining Factors in Bacteriophage Sensitivity. MBio, 2014, 5, e00880-14.	4.1	98
18	Identification and Characterization of a Glycosyltransferase Involved in <i>Acinetobacter baumannii</i> Lipopolysaccharide Core Biosynthesis. Infection and Immunity, 2010, 78, 2017-2023.	2.2	92

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19	Broad-Spectrum Biofilm Inhibition by Kingella kingae Exopolysaccharide. Journal of Bacteriology, 2011, 193, 3879-3886.	2.2	91
20	Deacetylation of Fungal Exopolysaccharide Mediates Adhesion and Biofilm Formation. MBio, 2016, 7, e00252-16.	4.1	91
21	Diversity in the Protein N-Glycosylation Pathways Within the Campylobacter Genus. Molecular and Cellular Proteomics, 2012, 11, 1203-1219.	3.8	84
22	Structural characterization of surface glycans from Clostridium difficile. Carbohydrate Research, 2012, 354, 65-73.	2.3	78
23	H2BC: a new technique for NMR analysis of complex carbohydrates. Carbohydrate Research, 2006, 341, 550-556.	2.3	72
24	Flagellar glycosylation in <i>Clostridiumâ€ƒbotulinum</i>. FEBS Journal, 2008, 275, 4428-4444.	4.7	72
25	Engineering the Campylobacter jejuni N-glycan to create an effective chicken vaccine. Scientific Reports, 2016, 6, 26511.	3.3	70
26	A novel N-linked flagellar glycan from Methanococcus maripaludis. Carbohydrate Research, 2009, 344, 648-653.	2.3	67
27	Monoclonal Antibody Protects Against Acinetobacter baumannii Infection by Enhancing Bacterial Clearance and Evading Sepsis. Journal of Infectious Diseases, 2017, 216, 489-501.	4.0	67
28	Structural Characterization of the Extracellular Polysaccharide from Vibrio cholerae O1 El-Tor. PLoS ONE, 2014, 9, e86751.	2.5	66
29	The structure of the lipopolysaccharide O-antigen produced byFlavobacterium psychrophilum(259-93). FEBS Journal, 2001, 268, 2710-2716.	0.2	64
30	Synthesis, characterization, and immunogenicity in mice of <i>Shigella sonnei</i> O-specific oligosaccharide-core-protein conjugates. Proceedings of the National Academy of Sciences of the United States of America, 2009, 106, 7974-7978.	7.1	63
31	Characterization of the Lipopolysaccharides and Capsules of Shewanella spp. Applied and Environmental Microbiology, 2002, 68, 4653-4657.	3.1	62
32	Identification of novel carbohydrate modifications on <i>Campylobacterâ€ƒjejuni</i> 11168 flagellin using metabolomicsâ€based approaches. FEBS Journal, 2009, 276, 1014-1023.	4.7	61
33	The structure of the rough-type lipopolysaccharide from Shewanella oneidensis MR-1, containing 8-amino-8-deoxy-Kdo and an open-chain form of 2-acetamido-2-deoxy-d-galactose. Carbohydrate Research, 2003, 338, 1991-1997.	2.3	60
34	The HS:1 serostrain of Campylobacter jejuni has a complex teichoic acid-like capsular polysaccharide with nonstoichiometric fructofuranose branches and O-methyl phosphoramidate groups. FEBS Journal, 2005, 272, 4407-4422.	4.7	59
35	Capsule carbohydrate structure determines virulence in Acinetobacter baumannii. PLoS Pathogens, 2021, 17, e1009291.	4.7	59
36	The core structure of the lipopolysaccharide from the causative agent of plague, Yersinia pestis. Carbohydrate Research, 2002, 337, 775-777.	2.3	57

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37	Structural dynamics of RbmA governs plasticity of Vibrio cholerae biofilms. ELife, 2017, 6, .	6.0	57
38	Chemical Analysis of Cellular and Extracellular Carbohydrates of a Biofilm-Forming Strain Pseudomonas aeruginosa PA14. PLoS ONE, 2010, 5, e14220.	2.5	56
39	Structural analysis of the core region of the lipopolysaccharides from eight serotypes of Klebsiella pneumoniae. Carbohydrate Research, 2001, 335, 291-296.	2.3	55
40	Complete Structures of Bordetella bronchiseptica and Bordetella parapertussis Lipopolysaccharides. Journal of Biological Chemistry, 2006, 281, 18135-18144.	3.4	55
41	Functional Characterization of MigA and WapR: Putative Rhamnosyltransferases Involved in Outer Core Oligosaccharide Biosynthesis of<i>Pseudomonas aeruginosa</i>. Journal of Bacteriology, 2008, 190, 1857-1865.	2.2	54
42	Molecular Insights on the Recognition of a Lactococcus lactis Cell Wall Pellicle by the Phage 1358 Receptor Binding Protein. Journal of Virology, 2014, 88, 7005-7015.	3.4	53
43	The study of the core part and non-repeating elements of the O-antigen of Brucella lipopolysaccharide. Carbohydrate Research, 2013, 366, 33-37.	2.3	52
44	Structural analysis of the lipopolysaccharide of Pasteurella multocida strain VP161: identification of both Kdo-P and Kdoâ€“Kdo species in the lipopolysaccharide. Carbohydrate Research, 2005, 340, 59-68.	2.3	49
45	Lipooligosaccharide of Campylobacter jejuni. Journal of Biological Chemistry, 2011, 286, 12361-12370.	3.4	49
46	Characterization of the lipopolysaccharide O-antigen of Francisella novicida (U112). Carbohydrate Research, 2004, 339, 649-654.	2.3	48
47	The postâ€translational modification of the <scp><i>C</i></scp><i>lostridium difficile</i> flagellin affects motility, cell surface properties and virulence. Molecular Microbiology, 2014, 94, 272-289.	2.5	47
48	Structural analysis of the lipopolysaccharide from Pasteurella multocida genome strain Pm70 and identification of the putative lipopolysaccharide glycosyltransferases. Glycobiology, 2005, 15, 323-333.	2.5	46
49	Carbohydrate-containing components of biofilms producedin vitroby some staphylococcal strains related to orthopaedic prosthesis infections. FEMS Immunology and Medical Microbiology, 2006, 47, 75-82.	2.7	46
50	Structural studies of the cell wall polysaccharides from three strains of Lactobacillus helveticus with different autolytic properties: DPC4571, BROI, and LH1. Carbohydrate Research, 2013, 379, 7-12.	2.3	44
51	The structure of the polysaccharide isolated from Acinetobacter baumannii strain LAC-4. Carbohydrate Research, 2014, 390, 42-45.	2.3	44
52	Structural and serological characterisation of the O-antigenic polysaccharide of the lipopolysaccharide from Acinetobacter baumannii strain 24. Carbohydrate Research, 2003, 338, 2751-2756.	2.3	43
53	O-Acetylation in the O-specific polysaccharide isolated from Shigella flexneri serotype 2a. Carbohydrate Research, 2007, 342, 643-647.	2.3	43
54	Another Brick in the Wall: a Rhamnan Polysaccharide Trapped inside Peptidoglycan of <i>Lactococcus lactis</i>. MBio, 2017, 8, .	4.1	42

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55	The structure of the carbohydrate backbone of the lipopolysaccharide from Acinetobacter baumannii strain ATCC 19606. FEBS Journal, 2002, 269, 422-430.	0.2	40
56	Chromosomal and Plasmid-encoded Enzymes Are Required for Assembly of the R3-type Core Oligosaccharide in the Lipopolysaccharide of Escherichia coli O157:H7. Journal of Biological Chemistry, 2004, 279, 31237-31250.	3.4	40
57	Structural studies of the rhamnose-rich cell wall polysaccharide of Lactobacillus casei BL23. Carbohydrate Research, 2016, 435, 156-161.	2.3	40
58	Cold temperature-induced modifications to the composition and structure of the lipopolysaccharide of Yersinia pestis. Carbohydrate Research, 2005, 340, 1625-1630.	2.3	38
59	The HS:19 serostrain of Campylobacter jejuni has a hyaluronic acid-type capsular polysaccharide with a nonstoichiometric sorbose branch and O-methyl phosphoramidate group. FEBS Journal, 2006, 273, 3975-3989.	4.7	38
60	A New Type of Glycosidic Linkage: An Open-Chain Acetal-LinkedN-Acetylgalactosamine in the Core Part of the Lipopolysaccharides fromProteus Microorganisms. Angewandte Chemie - International Edition, 1999, 38, 671-674.	13.8	37
61	Structural analysis of the core region of lipopolysaccharides from Proteus mirabilis serotypes O6, O48 and O57. FEBS Journal, 2000, 267, 2439-2447.	0.2	37
62	Lipopolysaccharides fromSerratia marcescens Possess One or Two 4-Amino-4-deoxy-L-arabinopyranose 1-Phosphate Residues in the Lipid A andD-glycero-D-talo-Oct-2-ulopyranosonic Acid in the Inner Core Region. Chemistry - A European Journal, 2006, 12, 6692-6700.	3.3	37
63	Structure of a novel lipid A obtained from the lipopolysaccharide of <i>Caulobacter crescentus</i>. Innate Immunity, 2008, 14, 25-36.	2.4	37
64	Secondary Cell Wall Polymers of Enterococcus faecalis Are Critical for Resistance to Complement Activation via Mannose-binding Lectin. Journal of Biological Chemistry, 2012, 287, 37769-37777.	3.4	37
65	Reinvestigation of the structure of Brucella O-antigens. Carbohydrate Research, 2013, 378, 144-147.	2.3	37
66	Pasteurella multocida Heddleston Serovar 3 and 4 Strains Share a Common Lipopolysaccharide Biosynthesis Locus but Display both Inter- and Intrastrain Lipopolysaccharide Heterogeneity. Journal of Bacteriology, 2013, 195, 4854-4864.	2.2	37
67	Modulation of bacterial multicellularity via spatio-specific polysaccharide secretion. PLoS Biology, 2020, 18, e3000728.	5.6	37
68	The capsular polysaccharide and lipopolysaccharide structures of two carbapenem resistant Klebsiella pneumoniae outbreak isolates. Carbohydrate Research, 2013, 369, 6-9.	2.3	36
69	Serological cross-reaction between the lipopolysaccharide O-polysaccharide antigens ofEscherichia coliO157:H7 and strains ofCitrobacter freundiiandCitrobacter sedlakii. FEMS Microbiology Letters, 2000, 190, 157-161.	1.8	35
70	Characterization of the lipopolysaccharide and beta-glucan of the fish pathogen Francisella victoria. FEBS Journal, 2006, 273, 3002-3013.	4.7	35
71	A Vaccine Approach for the Prevention of Infections by Multidrug-resistant Enterococcus faecium. Journal of Biological Chemistry, 2015, 290, 19512-19526.	3.4	35
72	Investigation of the Structural Requirements in the Lipopolysaccharide Core Acceptor for Ligation of O Antigens in the Genus Salmonella. Journal of Biological Chemistry, 2004, 279, 36470-36480.	3.4	34

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73	Structural Analysis of the Capsular Polysaccharide fromCampylobacter jejuni RM1221. ChemBioChem, 2007, 8, 625-631.	2.6	34
74	Structural and Genetic Basis for the Serological Differentiation of <i>Pasteurella multocida</i> Heddleston Serotypes 2 and 5. Journal of Bacteriology, 2009, 191, 6950-6959.	2.2	34
75	Toward a new vaccine for pertussis. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 3213-3216.	7.1	34
76	Immunochemical studies of Shigella flexneri 2a and 6, and Shigella dysenteriae type 1 O-specific polysaccharide-core fragments and their protein conjugates as vaccine candidates. Carbohydrate Research, 2010, 345, 1600-1608.	2.3	33
77	Mice intradermally-inoculated with the intact lipopolysaccharide, but not the lipid A or O-chain, from Francisella tularensis LVS rapidly acquire varying degrees of enhanced resistance against systemic or aerogenic challenge with virulent strains of the pathogen. Microbial Pathogenesis, 2003, 34, 39-45.	2.9	32
78	The structure of a polysaccharide isolated from Inonotus levis P. Karst. mushroom (Heterobasidiomycetes). Carbohydrate Research, 2005, 340, 2821-2825.	2.3	32
79	PagP Activation in the Outer Membrane Triggers R3 Core Oligosaccharide Truncation in the Cytoplasm of Escherichia coli O157:H7. Journal of Biological Chemistry, 2008, 283, 4332-4343.	3.4	32
80	Oligosaccharide conjugates of <i>Bordetella pertussis</i> and <i>bronchiseptica</i> induce bactericidal antibodies, an addition to pertussis vaccine. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 4087-4092.	7.1	32
81	Domain Organization of the Polymerizing Mannosyltransferases Involved in Synthesis of the Escherichia coli O8 and O9a Lipopolysaccharide O-antigens. Journal of Biological Chemistry, 2012, 287, 38135-38149.	3.4	32
82	The structure of the carbohydrate backbone of core-lipidâ€ƒA region ofthe lipopolysaccharides from Proteus mirabilis wild-type strain S1959 (serotype O3) and its Ra mutant R110/1959. FEBS Journal, 2000, 267, 262-269.	0.2	31
83	Structural analysis of the carbohydrate components of the outer membrane of the lipopolysaccharide-lacking cellulolytic ruminal bacteriumFibrobacter succinogenesS85. FEBS Journal, 2001, 268, 3566-3576.	0.2	31
84	Structural and serological characterization of the O-chain polysaccharide of Aeromonas salmonicida strains A449, 80204 and 80204-1. Carbohydrate Research, 2005, 340, 693-700.	2.3	31
85	Mesophilic Aeromonas UDP-glucose pyrophosphorylase (GalU) mutants show two types of lipopolysaccharide structures and reduced virulence. Microbiology (United Kingdom), 2007, 153, 2393-2404.	1.8	31
86	Structural and Immunochemical Analysis of the Lipopolysaccharide from <i>Acinetobacter lwoffii</i>â€…F78 Located Outside <i>Chlamydiaceae</i> with a <i>Chlamydia</i>â€Specific Lipopolysaccharide Epitope. Chemistry - A European Journal, 2008, 14, 10251-10258.	3.3	31
87	The structure of the glucuronoxylomannan produced by culinary-medicinal yellow brain mushroom (Tremella mesenterica Ritz.:Fr., Heterobasidiomycetes) grown as one cell biomass in submerged culture. Carbohydrate Research, 2004, 339, 1483-1489.	2.3	30
88	Pasteurella multocida Heddleston serovars 1 and 14 express different lipopolysaccharide structures but share the same lipopolysaccharide biosynthesis outer core locus. Veterinary Microbiology, 2011, 150, 289-296.	1.9	30
89	The structure of the core part of Proteus mirabilis O27 lipopolysaccharide with a new type of glycosidic linkage. Carbohydrate Research, 1999, 319, 92-101.	2.3	29
90	The structure of the nonreducing terminal groups in the O-specific polysaccharides from two strains ofBordetella bronchiseptica. FEBS Journal, 2000, 267, 7230-7237.	0.2	29

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91	The elucidation of the structure of the core part of the LPS from Plesiomonas shigelloides serotype O17 expressing O-polysaccharide chain identical to the Shigella sonnei O-chain. Carbohydrate Research, 2008, 343, 3123-3127.	2.3	29
92	The structure of the LPS O-chain of Fusobacterium nucleatum strain 25586 containing two novel monosaccharides, 2-acetamido-2,6-dideoxy- l -altrose and a 5-acetimidoylamino-3,5,9-trideoxy- gluco -non-2-ulosonic acid. Carbohydrate Research, 2017, 440-441, 10-15.	2.3	29
93	Biosynthesis of a Novel 3-Deoxy-D-manno-oct-2-ulosonic Acid-containing Outer Core Oligosaccharide in the Lipopolysaccharide of Klebsiella pneumoniae. Journal of Biological Chemistry, 2004, 279, 27928-27940.	3.4	28
94	Structural studies on the R-type lipopolysaccharide of Aeromonas hydrophila. Carbohydrate Research, 2004, 339, 787-793.	2.3	28
95	Structure and Immunogenicity of the Rough-Type Lipopolysaccharide from the Periodontal Pathogen Tannerella forsythia. Vaccine Journal, 2013, 20, 945-953.	3.1	28
96	The structure of the core part of Proteus vulgaris OX2 lipopolysaccharide. Carbohydrate Research, 1999, 320, 239-243.	2.3	27
97	The structure of the exocellular polysaccharide produced by Rhodococcus sp. RHA1. Carbohydrate Research, 2007, 342, 2223-2229.	2.3	27
98	A novel glycan modifies the flagellar filament proteins of the oral bacterium <i><scp>T</scp>reponema denticola</i>. Molecular Microbiology, 2017, 103, 67-85.	2.5	27
99	The structure of the core region of the lipopolysaccharide from Klebsiella pneumoniae O3. FEBS Journal, 2001, 268, 1722-1729.	0.2	26
100	Structural and Biological Characterization of a Capsular Polysaccharide Produced by <i>Staphylococcus haemolyticus</i>. Journal of Bacteriology, 2008, 190, 1649-1657.	2.2	26
101	Characterization of the O-antigen in the lipopolysaccharide of <i>Cronobacter (Enterobacter) malonaticus</i> 3267. Biochemistry and Cell Biology, 2009, 87, 927-932.	2.0	26
102	Francisella Tularensis Blueâ€"Gray Phase Variation Involves Structural Modifications of Lipopolysaccharide O-Antigen, Core and Lipid A and Affects Intramacrophage Survival and Vaccine Efficacy. Frontiers in Microbiology, 2010, 1, 129.	3.5	26
103	Bacillus anthracis Cell Wall Peptidoglycan but Not Lethal or Edema Toxins Produces Changes Consistent With Disseminated Intravascular Coagulation in a Rat Model. Journal of Infectious Diseases, 2013, 208, 978-989.	4.0	26
104	The structure of the core region of the lipopolysaccharide from Shewanella algae BrY, containing 8-amino-3,8-dideoxy-d-manno-oct-2-ulosonic acid. Carbohydrate Research, 2004, 339, 737-740.	2.3	24
105	Lipopolysaccharides of anaerobic beer spoilage bacteria of the genusPectinatusâ€" lipopolysaccharides of a Gram-positive genus. FEMS Microbiology Reviews, 2004, 28, 543-552.	8.6	24
106	Saccharide/protein conjugate vaccines for Bordetella species: Preparation of saccharide, development of new conjugation procedures, and physico-chemical and immunological characterization of the conjugates. Vaccine, 2008, 26, 3587-3593.	3.8	24
107	Cell surface glycoproteins from Thermoplasma acidophilum are modified with an N-linked glycan containing 6-C-sulfofucoseâ€. Glycobiology, 2012, 22, 1256-1267.	2.5	24
108	The Role of Galacturonic Acid in Outer Membrane Stability in Klebsiella pneumoniae. Journal of Biological Chemistry, 2005, 280, 27604-27612.	3.4	23

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109	Identification of Labile UDP-Ketosugars in Helicobacter pylori, Campylobacter jejuni and Pseudomonas aeruginosa: Key Metabolites used to make Glycan Virulence Factors. ChemBioChem, 2006, 7, 1865-1868.	2.6	23
110	Saccharides cross-reactive with <i>Bacillus anthracis</i> spore glycoprotein as an anthrax vaccine component. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 8709-8712.	7.1	23
111	Structure of the lipopolysaccharide core of Vibrio vulnificus type strain 27562. Carbohydrate Research, 2009, 344, 484-490.	2.3	23
112	Structure of the LPS O-chain from Fusobacterium nucleatum strain 10953, containing sialic acid. Carbohydrate Research, 2017, 440-441, 38-42.	2.3	23
113	Structural studies of the capsular polysaccharide and lipopolysaccharide O-antigen of Aeromonas salmonicida strain 80204-1 produced under in vitro and in vivo growth conditions. FEBS Journal, 2004, 271, 4507-4516.	0.2	22
114	Structural studies of the core region of Aeromonas salmonicida subsp. salmonicida lipopolysaccharide. Carbohydrate Research, 2006, 341, 109-117.	2.3	22
115	lfnA from Pseudomonas aeruginosa O12 and wbuX from Escherichia coli O145 Encode Membrane-Associated Proteins and Are Required for Expression of 2,6-Dideoxy-2-Acetamidino- l -Galactose in Lipopolysaccharide O Antigen. Journal of Bacteriology, 2008, 190, 1671-1679.	2.2	22
116	Characterization of the Structure and Biological Functions of a Capsular Polysaccharide Produced by Staphylococcus saprophyticus. Journal of Bacteriology, 2010, 192, 4618-4626.	2.2	22
117	Requirement of the Lipopolysaccharide O-Chain Biosynthesis Gene wxocB for Type III Secretion and Virulence of Xanthomonas oryzae pv. Oryzicola. Journal of Bacteriology, 2013, 195, 1959-1969.	2.2	22
118	A cell wallâ€associated polysaccharide is required for bacteriophage adsorption to the <i>Streptococcus thermophilus</i> cell surface. Molecular Microbiology, 2020, 114, 31-45.	2.5	22
119	The structure of the carbohydrate backbone of the LPS from Shewanella putrefaciens CN32. Carbohydrate Research, 2002, 337, 1285-1289.	2.3	21
120	Full Structure of the Carbohydrate Chain of the Lipopolysaccharide of <i>Providencia rustigianii</i>â€…O34. Chemistry - A European Journal, 2008, 14, 6184-6191.	3.3	21
121	The structure of the polysaccharide O-chain of the LPS from Acinetobacter baumannii strain ATCC 17961. Carbohydrate Research, 2009, 344, 474-478.	2.3	21
122	The structure of the O-antigen of Cronobactersakazakii HPB 2855 isolate involved in a neonatal infection. Carbohydrate Research, 2010, 345, 1932-1937.	2.3	21
123	<i>Tannerella forsythia</i>strains display different cell-surface nonulosonic acids: biosynthetic pathway characterization and first insight into biological implications. Glycobiology, 2017, 27, 342-357.	2.5	21
124	Determination of the cell wall polysaccharide and teichoic acid structures from Lactococcus lactis IL1403. Carbohydrate Research, 2018, 462, 39-44.	2.3	21
125	Distinct amino acid residues confer one of three UDP-sugar substrate specificities in Acinetobacter baumannii PglC phosphoglycosyltransferases. Glycobiology, 2018, 28, 522-533.	2.5	21
126	Structure of the O-specific polysaccharide chain of the lipopolysaccharide of Bordetella hinzii. Carbohydrate Research, 2002, 337, 961-963.	2.3	20

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127	Structural investigation of the O-specific polysaccharides of Morganella morganii consisting of two higher sugars. Carbohydrate Research, 2002, 337, 1697-1702.	2.3	20
128	Effect of the HP0159 ORF mutation on the lipopolysaccharide structure and colonizing ability of<i>Helicobacter pylori</i>. FEMS Immunology and Medical Microbiology, 2008, 53, 204-213.	2.7	20
129	Characterization of the lipopolysaccharide O-antigen of Cronobacter turicensis HPB3287 as a polysaccharide containing a 5,7-diacetamido-3,5,7,9-tetradeoxy-d-glycero-d-galacto-non-2-ulosonic acid (legionaminic acid) residue. Carbohydrate Research, 2011, 346, 2589-2594.	2.3	20
130	Identification of the methyl phosphate substituent at the non-reducing terminal mannose residue of the O-specific polysaccharides of Klebsiella pneumoniae O3, Hafnia alvei PCM 1223 and Escherichia coli O9/O9a LPS. Carbohydrate Research, 2012, 347, 186-188.	2.3	20
131	Structure of the core part of the lipopolysaccharides from Proteus penneri strains 7, 8, 14, 15, and 21. Carbohydrate Research, 2002, 337, 643-649.	2.3	19
132	The structure of the O-specific polysaccharide chain of the Shewanella algae BrY lipopolysaccharide. Carbohydrate Research, 2003, 338, 385-388.	2.3	19
133	Structure of the core oligosaccharide of a rough-type lipopolysaccharide of Pseudomonas syringae pv. phaseolicola. FEBS Journal, 2004, 271, 4968-4977.	0.2	19
134	The structure of the capsular polysaccharide of Shewanella oneidensis strain MR-4. Carbohydrate Research, 2005, 340, 1750-1753.	2.3	19
135	Lipopolysaccharide structures of Helicobacter pylori wild-type strain 26695 and 26695 HP0826::Kan mutant devoid of the O-chain polysaccharide component. Carbohydrate Research, 2011, 346, 2437-2444.	2.3	19
136	Vaccination with Shigella flexneri 2a conjugate induces type 2a and cross-reactive type 6 antibodies in humans but not in mice. Vaccine, 2017, 35, 4990-4996.	3.8	19
137	The CWPS Rubikâ€™s cube: Linking diversity of cell wall polysaccharide structures with the encoded biosynthetic machinery of selected <i>Lactococcus lactis</i> strains. Molecular Microbiology, 2020, 114, 582-596.	2.5	19
138	Structure of the polysaccharide chain of the lipopolysaccharide from Flexibacter maritimus. FEBS Journal, 2003, 270, 1810-1815.	0.2	18
139	Characterisation of the core part of the lipopolysaccharide O-antigen of Francisella novicida (U112). Carbohydrate Research, 2004, 339, 1643-1648.	2.3	18
140	The core and O-polysaccharide structure of the Caulobacter crescentus lipopolysaccharide. Carbohydrate Research, 2015, 402, 111-117.	2.3	18
141	The structure of the polysaccharide part of the LPS from Serratia marcescens serotype O19, including linkage region to the core and the residue at the non-reducing end. Carbohydrate Research, 2003, 338, 2757-2761.	2.3	17
142	Structural characterization of the antigenic capsular polysaccharide and lipopolysaccharide O-chain produced byActinobacillus pleuropneumoniaeserotype 15. Biochemistry and Cell Biology, 2005, 83, 61-69.	2.0	17
143	Massâ€Spectrometric Studies ofProvidenciaSRâ€Form Lipopolysaccharides and Elucidation of the Biological Repeating Unit Structure ofProvidencia rustigianiiO14â€Polysaccharide. Journal of Carbohydrate Chemistry, 2007, 26, 497-512.	1.1	17
144	The structure of the carbohydrate backbone of the LPS from Shewanella spp. MR-4. Carbohydrate Research, 2008, 343, 2701-2705.	2.3	17

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