

Evguenii Vinogradov

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231
papers

6,591
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236
ext. papers

7,637
ext. citations

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L-index

#	Paper	IF	Citations
231	Colistin resistance in <i>Acinetobacter baumannii</i> is mediated by complete loss of lipopolysaccharide production. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 4971-7	5.9	501
230	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. <i>Journal of Biological Chemistry</i> , 2003 , 278, 24509-20	5.4	155
229	Structural analysis of <i>Francisella tularensis</i> lipopolysaccharide. <i>FEBS Journal</i> , 2002 , 269, 6112-8		149
228	Identification of a general O-linked protein glycosylation system in <i>Acinetobacter baumannii</i> and its role in virulence and biofilm formation. <i>PLoS Pathogens</i> , 2012 , 8, e1002758	7.6	148
227	Functional characterization of dehydratase/aminotransferase pairs from <i>Helicobacter</i> and <i>Campylobacter</i> : enzymes distinguishing the pseudaminic acid and bacillosamine biosynthetic pathways. <i>Journal of Biological Chemistry</i> , 2006 , 281, 723-32	5.4	141
226	Structures of lipopolysaccharides from <i>Klebsiella pneumoniae</i> . Elucidation of the structure of the linkage region between core and polysaccharide O chain and identification of the residues at the non-reducing termini of the O chains. <i>Journal of Biological Chemistry</i> , 2002 , 277, 25070-81	5.4	128
225	Poly-N-acetylglucosamine mediates biofilm formation and antibiotic resistance in <i>Actinobacillus pleuropneumoniae</i> . <i>Microbial Pathogenesis</i> , 2007 , 43, 1-9	3.8	124
224	Cell surface of <i>Lactococcus lactis</i> is covered by a protective polysaccharide pellicle. <i>Journal of Biological Chemistry</i> , 2010 , 285, 10464-71	5.4	121
223	A common pathway for O-linked protein-glycosylation and synthesis of capsule in <i>Acinetobacter baumannii</i> . <i>Molecular Microbiology</i> , 2013 , 89, 816-30	4.1	109
222	The CMP-legionaminic acid pathway in <i>Campylobacter</i> : biosynthesis involving novel GDP-linked precursors. <i>Glycobiology</i> , 2009 , 19, 715-25	5.8	103
221	The K1 capsular polysaccharide from <i>Acinetobacter baumannii</i> is a potential therapeutic target via passive immunization. <i>Infection and Immunity</i> , 2013 , 81, 915-22	3.7	97
220	Mutation of the lipopolysaccharide core glycosyltransferase encoded by <i>waaG</i> destabilizes the outer membrane of <i>Escherichia coli</i> by interfering with core phosphorylation. <i>Journal of Bacteriology</i> , 2000 , 182, 5620-3	3.5	87
219	High-level antibiotic resistance in <i>Pseudomonas aeruginosa</i> biofilm: the <i>ndvB</i> gene is involved in the production of highly glycerol-phosphorylated beta-(1->3)-glucans, which bind aminoglycosides. <i>Glycobiology</i> , 2010 , 20, 895-904	5.8	84
218	Poly-N-acetylglucosamine mediates biofilm formation and detergent resistance in <i>Aggregatibacter actinomycetemcomitans</i> . <i>Microbial Pathogenesis</i> , 2008 , 44, 52-60	3.8	82
217	<i>Clostridium difficile</i> cell-surface polysaccharides composed of pentaglycosyl and hexaglycosyl phosphate repeating units. <i>Carbohydrate Research</i> , 2008 , 343, 703-10	2.9	78
216	Differences in lactococcal cell wall polysaccharide structure are major determining factors in bacteriophage sensitivity. <i>MBio</i> , 2014 , 5, e00880-14	7.8	76
215	Identification and characterization of a glycosyltransferase involved in <i>Acinetobacter baumannii</i> lipopolysaccharide core biosynthesis. <i>Infection and Immunity</i> , 2010 , 78, 2017-23	3.7	70

214	Broad-spectrum biofilm inhibition by <i>Kingella kingae</i> exopolysaccharide. <i>Journal of Bacteriology</i> , 2011 , 193, 3879-86	3.5	68
213	Deacetylation of Fungal Exopolysaccharide Mediates Adhesion and Biofilm Formation. <i>MBio</i> , 2016 , 7, e00252-16	7.8	65
212	Flagellar glycosylation in <i>Clostridium botulinum</i> . <i>FEBS Journal</i> , 2008 , 275, 4428-44	5.7	64
211	Diversity in the protein N-glycosylation pathways within the <i>Campylobacter</i> genus. <i>Molecular and Cellular Proteomics</i> , 2012 , 11, 1203-19	7.6	63
210	H2BC: a new technique for NMR analysis of complex carbohydrates. <i>Carbohydrate Research</i> , 2006 , 341, 550-6	2.9	63
209	A novel N-linked flagellar glycan from <i>Methanococcus maripaludis</i> . <i>Carbohydrate Research</i> , 2009 , 344, 648-53	2.9	59
208	Structural characterization of surface glycans from <i>Clostridium difficile</i> . <i>Carbohydrate Research</i> , 2012 , 354, 65-73	2.9	57
207	Characterization of the lipopolysaccharides and capsules of <i>Shewanella</i> spp. <i>Applied and Environmental Microbiology</i> , 2002 , 68, 4653-7	4.8	57
206	A promising bioconjugate vaccine against hypervirulent. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 18655-18663	11.5	56
205	Synthesis, characterization, and immunogenicity in mice of <i>Shigella sonnei</i> O-specific oligosaccharide-core-protein conjugates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009 , 106, 7974-8	11.5	55
204	Identification of novel carbohydrate modifications on <i>Campylobacter jejuni</i> 11168 flagellin using metabolomics-based approaches. <i>FEBS Journal</i> , 2009 , 276, 1014-23	5.7	54
203	The structure of the rough-type lipopolysaccharide from <i>Shewanella oneidensis</i> MR-1, containing 8-amino-8-deoxy-Kdo and an open-chain form of 2-acetamido-2-deoxy-D-galactose. <i>Carbohydrate Research</i> , 2003 , 338, 1991-7	2.9	54
202	The core structure of the lipopolysaccharide from the causative agent of plague, <i>Yersinia pestis</i> . <i>Carbohydrate Research</i> , 2002 , 337, 775-7	2.9	53
201	The structure of the lipopolysaccharide O-antigen produced by <i>Flavobacterium psychrophilum</i> (259-93). <i>FEBS Journal</i> , 2001 , 268, 2710-6		52
200	Complete structures of <i>Bordetella bronchiseptica</i> and <i>Bordetella parapertussis</i> lipopolysaccharides. <i>Journal of Biological Chemistry</i> , 2006 , 281, 18135-44	5.4	51
199	The HS:1 serostrain of <i>Campylobacter jejuni</i> has a complex teichoic acid-like capsular polysaccharide with nonstoichiometric fructofuranose branches and O-methyl phosphoramidate groups. <i>FEBS Journal</i> , 2005 , 272, 4407-22	5.7	51
198	Structural analysis of the core region of the lipopolysaccharides from eight serotypes of <i>Klebsiella pneumoniae</i> . <i>Carbohydrate Research</i> , 2001 , 335, 291-6	2.9	51
197	Structural characterization of the extracellular polysaccharide from <i>Vibrio cholerae</i> O1 El-Tor. <i>PLoS ONE</i> , 2014 , 9, e86751	3.7	49

196	Engineering the <i>Campylobacter jejuni</i> N-glycan to create an effective chicken vaccine. <i>Scientific Reports</i> , 2016 , 6, 26511	4.9	47
195	Molecular insights on the recognition of a <i>Lactococcus lactis</i> cell wall pellicle by the phage 1358 receptor binding protein. <i>Journal of Virology</i> , 2014 , 88, 7005-15	6.6	47
194	Structural analysis of the lipopolysaccharide of <i>Pasteurella multocida</i> strain VP161: identification of both Kdo-P and Kdo-Kdo species in the lipopolysaccharide. <i>Carbohydrate Research</i> , 2005 , 340, 59-68	2.9	46
193	Chemical analysis of cellular and extracellular carbohydrates of a biofilm-forming strain <i>Pseudomonas aeruginosa</i> PA14. <i>PLoS ONE</i> , 2010 , 5, e14220	3.7	45
192	Structural and serological characterisation of the O-antigenic polysaccharide of the lipopolysaccharide from <i>Acinetobacter baumannii</i> strain 24. <i>Carbohydrate Research</i> , 2003 , 338, 2751-6	2.9	43
191	Structural analysis of the lipopolysaccharide from <i>Pasteurella multocida</i> genome strain Pm70 and identification of the putative lipopolysaccharide glycosyltransferases. <i>Glycobiology</i> , 2005 , 15, 323-33	5.8	43
190	Functional characterization of MigA and WapR: putative rhamnosyltransferases involved in outer core oligosaccharide biosynthesis of <i>Pseudomonas aeruginosa</i> . <i>Journal of Bacteriology</i> , 2008 , 190, 1857-65	3.5	42
189	Lipooligosaccharide of <i>Campylobacter jejuni</i> : similarity with multiple types of mammalian glycans beyond gangliosides. <i>Journal of Biological Chemistry</i> , 2011 , 286, 12361-70	5.4	41
188	Characterization of the lipopolysaccharide O-antigen of <i>Francisella novicida</i> (U112). <i>Carbohydrate Research</i> , 2004 , 339, 649-54	2.9	41
187	Monoclonal Antibody Protects Against <i>Acinetobacter baumannii</i> Infection by Enhancing Bacterial Clearance and Evading Sepsis. <i>Journal of Infectious Diseases</i> , 2017 , 216, 489-501	7	38
186	O-Acetylation in the O-specific polysaccharide isolated from <i>Shigella flexneri</i> serotype 2a. <i>Carbohydrate Research</i> , 2007 , 342, 643-7	2.9	37
185	Carbohydrate-containing components of biofilms produced in vitro by some staphylococcal strains related to orthopaedic prosthesis infections. <i>FEMS Immunology and Medical Microbiology</i> , 2006 , 47, 75-82		37
184	A New Type of Glycosidic Linkage: An Open-Chain Acetal-Linked N-Acetylgalactosamine in the Core Part of the Lipopolysaccharides from <i>Proteus</i> Microorganisms. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 671-674	16.4	37
183	Lipopolysaccharides from <i>Serratia marcescens</i> possess one or two 4-amino-4-deoxy-L-arabinopyranose 1-phosphate residues in the lipid A and D-glycero-D-talo-oct-2-ulopyranosonic acid in the inner core region. <i>Chemistry - A European Journal</i> , 2008 , 12, 6692-700	4.8	36
182	Structural analysis of the core region of lipopolysaccharides from <i>Proteus mirabilis</i> serotypes O6, O48 and O57. <i>FEBS Journal</i> , 2000 , 267, 2439-46		36
181	The structure of the carbohydrate backbone of the lipopolysaccharide from <i>Acinetobacter baumannii</i> strain ATCC 19606. <i>FEBS Journal</i> , 2002 , 269, 422-30		35
180	Structural dynamics of RbmA governs plasticity of biofilms. <i>ELife</i> , 2017 , 6,	8.9	34
179	The post-translational modification of the <i>Clostridium difficile</i> flagellin affects motility, cell surface properties and virulence. <i>Molecular Microbiology</i> , 2014 , 94, 272-89	4.1	34

178	Characterization of the lipopolysaccharide and beta-glucan of the fish pathogen <i>Francisella victorica</i> . <i>FEBS Journal</i> , 2006 , 273, 3002-13	5.7	33
177	Cold temperature-induced modifications to the composition and structure of the lipopolysaccharide of <i>Yersinia pestis</i> . <i>Carbohydrate Research</i> , 2005 , 340, 1625-30	2.9	33
176	Structural studies of the rhamnose-rich cell wall polysaccharide of <i>Lactobacillus casei</i> BL23. <i>Carbohydrate Research</i> , 2016 , 435, 156-161	2.9	31
175	Structure of a novel lipid A obtained from the lipopolysaccharide of <i>Caulobacter crescentus</i> . <i>Innate Immunity</i> , 2008 , 14, 25-37	2.7	31
174	The structure of a polysaccharide isolated from <i>Inonotus levis</i> P. Karst. mushroom (Heterobasidiomycetes). <i>Carbohydrate Research</i> , 2005 , 340, 2821-5	2.9	31
173	Serological cross-reaction between the lipopolysaccharide O-polysaccharide antigens of <i>Escherichia coli</i> O157:H7 and strains of <i>Citrobacter freundii</i> and <i>Citrobacter sedlakii</i> . <i>FEMS Microbiology Letters</i> , 2000 , 190, 157-61	2.9	31
172	The structure of the polysaccharide isolated from <i>Acinetobacter baumannii</i> strain LAC-4. <i>Carbohydrate Research</i> , 2014 , 390, 42-5	2.9	30
171	Secondary cell wall polymers of <i>Enterococcus faecalis</i> are critical for resistance to complement activation via mannose-binding lectin. <i>Journal of Biological Chemistry</i> , 2012 , 287, 37769-77	5.4	30
170	The HS:19 serostrain of <i>Campylobacter jejuni</i> has a hyaluronic acid-type capsular polysaccharide with a nonstoichiometric sorbose branch and O-methyl phosphoramidate group. <i>FEBS Journal</i> , 2006 , 273, 3975-89	5.7	30
169	Investigation of the structural requirements in the lipopolysaccharide core acceptor for ligation of O antigens in the genus <i>Salmonella</i> : WaaL "ligase" is not the sole determinant of acceptor specificity. <i>Journal of Biological Chemistry</i> , 2004 , 279, 36470-80	5.4	30
168	Mice intradermally-inoculated with the intact lipopolysaccharide, but not the lipid A or O-chain, from <i>Francisella tularensis</i> LVS rapidly acquire varying degrees of enhanced resistance against systemic or aerogenic challenge with virulent strains of the pathogen. <i>Microbial Pathogenesis</i> , 2003 , 34, 39-45	3.8	30
167	A Vaccine Approach for the Prevention of Infections by Multidrug-resistant <i>Enterococcus faecium</i> . <i>Journal of Biological Chemistry</i> , 2015 , 290, 19512-26	5.4	29
166	Domain organization of the polymerizing mannosyltransferases involved in synthesis of the <i>Escherichia coli</i> O8 and O9a lipopolysaccharide O-antigens. <i>Journal of Biological Chemistry</i> , 2012 , 287, 38135-49	5.4	29
165	Structural analysis of the capsular polysaccharide from <i>Campylobacter jejuni</i> RM1221. <i>ChemBioChem</i> , 2007 , 8, 625-31	3.8	29
164	Chromosomal and plasmid-encoded enzymes are required for assembly of the R3-type core oligosaccharide in the lipopolysaccharide of <i>Escherichia coli</i> O157:H7. <i>Journal of Biological Chemistry</i> , 2004 , 279, 31237-50	5.4	29
163	The structure of the carbohydrate backbone of core-lipid A region of the lipopolysaccharides from <i>Proteus mirabilis</i> wild-type strain S1959 (serotype O3) and its Ra mutant R110/1959. <i>FEBS Journal</i> , 2000 , 267, 262-9		29
162	Immunochemical studies of <i>Shigella flexneri</i> 2a and 6, and <i>Shigella dysenteriae</i> type 1 O-specific polysaccharide-core fragments and their protein conjugates as vaccine candidates. <i>Carbohydrate Research</i> , 2010 , 345, 1600-8	2.9	28
161	Structural and serological characterization of the O-chain polysaccharide of <i>Aeromonas salmonicida</i> strains A449, 80204 and 80204-1. <i>Carbohydrate Research</i> , 2005 , 340, 693-700	2.9	28

160	The structure of the core part of <i>Proteus mirabilis</i> O27 lipopolysaccharide with a new type of glycosidic linkage. <i>Carbohydrate Research</i> , 1999 , 319, 92-101	2.9	28
159	Toward a new vaccine for pertussis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014 , 111, 3213-6	11.5	27
158	Another Brick in the Wall: a Rhamnan Polysaccharide Trapped inside Peptidoglycan of. <i>MBio</i> , 2017 , 8,	7.8	27
157	Structural and genetic basis for the serological differentiation of <i>Pasteurella multocida</i> Heddleston serotypes 2 and 5. <i>Journal of Bacteriology</i> , 2009 , 191, 6950-9	3.5	27
156	Structural and immunochemical analysis of the lipopolysaccharide from <i>Acinetobacter lwoffii</i> F78 located outside Chlamydiae with a Chlamydia-specific lipopolysaccharide epitope. <i>Chemistry - A European Journal</i> , 2008 , 14, 10251-8	4.8	27
155	Mesophilic <i>Aeromonas</i> UDP-glucose pyrophosphorylase (GalU) mutants show two types of lipopolysaccharide structures and reduced virulence. <i>Microbiology (United Kingdom)</i> , 2007 , 153, 2393-2404	2.9	27
154	PagP activation in the outer membrane triggers R3 core oligosaccharide truncation in the cytoplasm of <i>Escherichia coli</i> O157:H7. <i>Journal of Biological Chemistry</i> , 2008 , 283, 4332-43	5.4	26
153	Structural studies on the R-type lipopolysaccharide of <i>Aeromonas hydrophila</i> . <i>Carbohydrate Research</i> , 2004 , 339, 787-93	2.9	26
152	Structural analysis of the carbohydrate components of the outer membrane of the lipopolysaccharide-lacking cellulolytic ruminal bacterium <i>Fibrobacter succinogenes</i> S85. <i>FEBS Journal</i> , 2001 , 268, 3566-76		26
151	The structure of the nonreducing terminal groups in the O-specific polysaccharides from two strains of <i>Bordetella bronchiseptica</i> . <i>FEBS Journal</i> , 2000 , 267, 7230-7		26
150	Structural studies of the cell wall polysaccharides from three strains of <i>Lactobacillus helveticus</i> with different autolytic properties: DPC4571, BRO1, and LH1. <i>Carbohydrate Research</i> , 2013 , 379, 7-12	2.9	25
149	Characterization of the O-antigen in the lipopolysaccharide of <i>Cronobacter</i> (<i>Enterobacter</i>) <i>malonaticus</i> 3267. <i>Biochemistry and Cell Biology</i> , 2009 , 87, 927-32	3.6	25
148	The structure of the core part of <i>Proteus vulgaris</i> OX2 lipopolysaccharide. <i>Carbohydrate Research</i> , 1999 , 320, 239-43	2.9	25
147	The capsular polysaccharide and lipopolysaccharide structures of two carbapenem resistant <i>Klebsiella pneumoniae</i> outbreak isolates. <i>Carbohydrate Research</i> , 2013 , 369, 6-9	2.9	24
146	The study of the core part and non-repeating elements of the O-antigen of <i>Brucella</i> lipopolysaccharide. <i>Carbohydrate Research</i> , 2013 , 366, 33-7	2.9	24
145	The structure of the core region of the lipopolysaccharide from <i>Shewanella</i> algae BrY, containing 8-amino-3,8-dideoxy-D-manno-oct-2-ulosonic acid. <i>Carbohydrate Research</i> , 2004 , 339, 737-40	2.9	24
144	The structure of the glucuronoxylomannan produced by culinary-medicinal yellow brain mushroom (<i>Tremella mesenterica</i> Ritz.:Fr., Heterobasidiomycetes) grown as one cell biomass in submerged culture. <i>Carbohydrate Research</i> , 2004 , 339, 1483-9	2.9	24
143	<i>Pasteurella multocida</i> Heddleston serovar 3 and 4 strains share a common lipopolysaccharide biosynthesis locus but display both inter- and intrastain lipopolysaccharide heterogeneity. <i>Journal of Bacteriology</i> , 2013 , 195, 4854-64	3.5	23

142	Structure and immunogenicity of the rough-type lipopolysaccharide from the periodontal pathogen <i>Tannerella forsythia</i> . <i>Vaccine Journal</i> , 2013 , 20, 945-53		23
141	Oligosaccharide conjugates of <i>Bordetella pertussis</i> and <i>bronchiseptica</i> induce bactericidal antibodies, an addition to pertussis vaccine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 4087-92	11.5	23
140	Saccharide/protein conjugate vaccines for <i>Bordetella</i> species: preparation of saccharide, development of new conjugation procedures, and physico-chemical and immunological characterization of the conjugates. <i>Vaccine</i> , 2008 , 26, 3587-93	4.1	23
139	Biosynthesis of a novel 3-deoxy-D-manno-oct-2-ulosonic acid-containing outer core oligosaccharide in the lipopolysaccharide of <i>Klebsiella pneumoniae</i> . <i>Journal of Biological Chemistry</i> , 2004 , 279, 27928-40	5.4	23
138	Reinvestigation of the structure of <i>Brucella</i> O-antigens. <i>Carbohydrate Research</i> , 2013 , 378, 144-7	2.9	22
137	Structure of the lipopolysaccharide core of <i>Vibrio vulnificus</i> type strain 27562. <i>Carbohydrate Research</i> , 2009 , 344, 484-90	2.9	22
136	Structural and biological characterization of a capsular polysaccharide produced by <i>Staphylococcus haemolyticus</i> . <i>Journal of Bacteriology</i> , 2008 , 190, 1649-57	3.5	22
135	The role of galacturonic acid in outer membrane stability in <i>Klebsiella pneumoniae</i> . <i>Journal of Biological Chemistry</i> , 2005 , 280, 27604-12	5.4	22
134	The structure of the core region of the lipopolysaccharide from <i>Klebsiella pneumoniae</i> O3. <i>FEBS Journal</i> , 2001 , 268, 1722-1729		22
133	Characterization of the structure and biological functions of a capsular polysaccharide produced by <i>Staphylococcus saprophyticus</i> . <i>Journal of Bacteriology</i> , 2010 , 192, 4618-26	3.5	21
132	The structure of the O-antigen of <i>Cronobacter sakazakii</i> HPB 2855 isolate involved in a neonatal infection. <i>Carbohydrate Research</i> , 2010 , 345, 1932-7	2.9	21
131	The structure of the exocellular polysaccharide produced by <i>Rhodococcus</i> sp. RHA1. <i>Carbohydrate Research</i> , 2007 , 342, 2223-9	2.9	21
130	The elucidation of the structure of the core part of the LPS from <i>Plesiomonas shigelloides</i> serotype O17 expressing O-polysaccharide chain identical to the <i>Shigella sonnei</i> O-chain. <i>Carbohydrate Research</i> , 2008 , 343, 3123-7	2.9	21
129	Identification of labile UDP-ketosugars in <i>Helicobacter pylori</i> , <i>Campylobacter jejuni</i> and <i>Pseudomonas aeruginosa</i> : key metabolites used to make glycan virulence factors. <i>ChemBioChem</i> , 2006 , 7, 1865-8	3.8	21
128	The structure of the carbohydrate backbone of the LPS from <i>Shewanella putrefaciens</i> CN32. <i>Carbohydrate Research</i> , 2002 , 337, 1285-9	2.9	21
127	<i>Bacillus anthracis</i> cell wall peptidoglycan but not lethal or edema toxins produces changes consistent with disseminated intravascular coagulation in a rat model. <i>Journal of Infectious Diseases</i> , 2013 , 208, 978-89	7	20
126	Characterization of the lipopolysaccharide O-antigen of <i>Cronobacter turicensis</i> 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. <i>Carbohydrate Research</i> , 2011 , 346, 2589-94	2.9	20
125	Saccharides cross-reactive with <i>Bacillus anthracis</i> spore glycoprotein as an anthrax vaccine component. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 8709-12	11.5	20

124	lfnA from <i>Pseudomonas aeruginosa</i> O12 and wbuX from <i>Escherichia coli</i> O145 encode membrane-associated proteins and are required for expression of 2,6-dideoxy-2-acetamido-L-galactose in lipopolysaccharide O antigen. <i>Journal of Bacteriology</i> , 2008 , 190, 1671-9	3.5	20
123	Full structure of the carbohydrate chain of the lipopolysaccharide of <i>Providencia rustigianii</i> O34. <i>Chemistry - A European Journal</i> , 2008 , 14, 6184-91	4.8	20
122	Structural studies of the core region of <i>Aeromonas salmonicida</i> subsp. <i>salmonicida</i> lipopolysaccharide. <i>Carbohydrate Research</i> , 2006 , 341, 109-17	2.9	20
121	Structural studies of the capsular polysaccharide and lipopolysaccharide O-antigen of <i>Aeromonas salmonicida</i> strain 80204-1 produced under in vitro and in vivo growth conditions. <i>FEBS Journal</i> , 2004 , 271, 4507-16		20
120	Lipopolysaccharides of anaerobic beer spoilage bacteria of the genus <i>Pectinatus</i> --lipopolysaccharides of a Gram-positive genus. <i>FEMS Microbiology Reviews</i> , 2004 , 28, 543-52	15.1	20
119	Structure of the O-specific polysaccharide chain of the lipopolysaccharide of <i>Bordetella hinzii</i> . <i>Carbohydrate Research</i> , 2002 , 337, 961-3	2.9	20
118	The structure of the LPS O-chain of <i>Fusobacterium nucleatum</i> 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. <i>Carbohydrate Research</i> , 2017 , 440-441, 10-15	2.9	19
117	<i>Pasteurella multocida</i> Heddleston serovars 1 and 14 express different lipopolysaccharide structures but share the same lipopolysaccharide biosynthesis outer core locus. <i>Veterinary Microbiology</i> , 2011 , 150, 289-96	3.3	19
116	<i>Francisella tularensis</i> blue-gray phase variation involves structural modifications of lipopolysaccharide o-antigen, core and lipid a and affects intramacrophage survival and vaccine efficacy. <i>Frontiers in Microbiology</i> , 2010 , 1, 129	5.7	19
115	Cell surface glycoproteins from <i>Thermoplasma acidophilum</i> are modified with an N-linked glycan containing 6-C-sulfofucose. <i>Glycobiology</i> , 2012 , 22, 1256-67	5.8	19
114	Modulation of bacterial multicellularity via spatio-specific polysaccharide secretion. <i>PLoS Biology</i> , 2020 , 18, e3000728	9.7	18
113	The structure of the O-specific polysaccharide chain of the <i>Shewanella</i> algae BrY lipopolysaccharide. <i>Carbohydrate Research</i> , 2003 , 338, 385-8	2.9	18
112	The structure of the capsular polysaccharide of <i>Shewanella oneidensis</i> strain MR-4. <i>Carbohydrate Research</i> , 2005 , 340, 1750-3	2.9	18
111	Identification of the methyl phosphate substituent at the non-reducing terminal mannose residue of the O-specific polysaccharides of <i>Klebsiella pneumoniae</i> O3, <i>Hafnia alvei</i> PCM 1223 and <i>Escherichia coli</i> O9/O9a LPS. <i>Carbohydrate Research</i> , 2012 , 347, 186-8	2.9	17
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109	Characterisation of the core part of the lipopolysaccharide O-antigen of <i>Francisella novicida</i> (U112). <i>Carbohydrate Research</i> , 2004 , 339, 1643-8	2.9	17
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