

Evguenii Vinogradov

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

231
papers

6,591
citations

42
h-index

66
g-index

236
ext. papers

7,637
ext. citations

4.1
avg, IF

5.55
L-index

#	Paper	IF	Citations
231	Structure of the lipopolysaccharide O-antigens from <i>Fusobacterium nucleatum</i> strains SB-106CP and HM-992 and immunological comparison to the O-antigen of strain 12230.. <i>Carbohydrate Research</i> , 2022 , 517, 108576	2.9	0
230	Brussowvirus SW13 requires a cell surface-associated polysaccharide to recognise its host. <i>Applied and Environmental Microbiology</i> , 2021 , AEM0172321	4.8	2
229	Development and Immunogenicity of a Prototype Multivalent Group B Bioconjugate Vaccine. <i>ACS Infectious Diseases</i> , 2021 , 7, 3111-3123	5.5	0
228	Structural analysis of the core oligosaccharides from <i>Fusobacterium nucleatum</i> lipopolysaccharides. <i>Carbohydrate Research</i> , 2021 , 499, 108198	2.9	
227	Capsule carbohydrate structure determines virulence in <i>Acinetobacter baumannii</i> . <i>PLoS Pathogens</i> , 2021 , 17, e1009291	7.6	16
226	Trehalose-deficient <i>Acinetobacter baumannii</i> exhibits reduced virulence by losing capsular polysaccharide and altering membrane integrity. <i>Glycobiology</i> , 2021 ,	5.8	1
225	The CWPS RubikS cube: Linking diversity of cell wall polysaccharide structures with the encoded biosynthetic machinery of selected <i>Lactococcus lactis</i> strains. <i>Molecular Microbiology</i> , 2020 , 114, 582-596 ^{4.1}	4.1	4
224	Modulation of bacterial multicellularity via spatio-specific polysaccharide secretion. <i>PLoS Biology</i> , 2020 , 18, e3000728	9.7	18
223	A cell wall-associated polysaccharide is required for bacteriophage adsorption to the <i>Streptococcus thermophilus</i> cell surface. <i>Molecular Microbiology</i> , 2020 , 114, 31-45	4.1	8
222	Structural investigation of the capsular polysaccharide from a clinical isolate of <i>Fusobacterium necrophorum</i> subspecies <i>necrophorum</i> biotype a strain LA 81-617. <i>Carbohydrate Research</i> , 2020 , 487, 107876	2.9	
221	Structural analysis of the core and polysaccharide from the lipopolysaccharide produced by <i>Chromobacterium violaceum</i> strain ATCC 12472 (NCTC 9757). <i>Carbohydrate Research</i> , 2020 , 498, 108182 ^{2.9}		
220	Comparative Study of Immunogenic Properties of Purified Capsular Polysaccharides from Serotypes 3, 7, 8, and 9: the Serotype 3 Polysaccharide Induces an Opsonizing IgG Response. <i>Infection and Immunity</i> , 2020 , 88,	3.7	3
219	Identification of a novel -linked glycan on the archaellins and S-layer protein of the thermophilic methanogen,. <i>Journal of Biological Chemistry</i> , 2020 , 295, 14618-14629	5.4	6
218	Modulation of bacterial multicellularity via spatio-specific polysaccharide secretion 2020 , 18, e3000728		
217	Modulation of bacterial multicellularity via spatio-specific polysaccharide secretion 2020 , 18, e3000728		
216	Modulation of bacterial multicellularity via spatio-specific polysaccharide secretion 2020 , 18, e3000728		
215	Modulation of bacterial multicellularity via spatio-specific polysaccharide secretion 2020 , 18, e3000728		

214	Characterization of the 6-O-acetylated lipoglucuronomannogalactan a novel <i>Cryptococcus neoformans</i> cell wall polysaccharide. <i>Carbohydrate Research</i> , 2019 , 475, 1-10	2.9	1
213	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
212	Structure determination of <i>Streptococcus suis</i> serotypes 7 and 8 capsular polysaccharides and assignment of functions of the cps locus genes involved in their biosynthesis. <i>Carbohydrate Research</i> , 2019 , 473, 36-45	2.9	9
211	Determination of the cell wall polysaccharide and teichoic acid structures from <i>Lactococcus lactis</i> IL1403. <i>Carbohydrate Research</i> , 2018 , 462, 39-44	2.9	11
210	Distinct amino acid residues confer one of three UDP-sugar substrate specificities in <i>Acinetobacter baumannii</i> PglC phosphoglycosyltransferases. <i>Glycobiology</i> , 2018 , 28, 522-533	5.8	7
209	Structural and immunological characterization of a glycoconjugate based on the delipidated lipopolysaccharide from a nontypeable <i>Helicobacter pylori</i> strain PJ1 containing an extended d-glycero-d-manno-heptan. <i>Carbohydrate Research</i> , 2018 , 456, 19-23	2.9	5
208	Structural studies of the cell wall polysaccharide from <i>Lactococcus lactis</i> UC509.9. <i>Carbohydrate Research</i> , 2018 , 461, 25-31	2.9	10
207	<i>Streptococcus suis</i> serotype 3 and serotype 18 capsular polysaccharides contain di-N-acetyl-bacillosamine. <i>Carbohydrate Research</i> , 2018 , 466, 18-29	2.9	8
206	Structure of the LPS O-chain from <i>Fusobacterium nucleatum</i> strain ATCC 23726 containing a novel 5,7-diamino-3,5,7,9-tetradeoxy-l-gluco-non-2-ulonic acid presumably having the d-glycero-l-gluco configuration. <i>Carbohydrate Research</i> , 2018 , 468, 69-72	2.9	8
205	Structure of the LPS O-chain from <i>Fusobacterium nucleatum</i> strain MJR 7757 B. <i>Carbohydrate Research</i> , 2018 , 463, 37-39	2.9	8
204	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-ulonic acid. <i>Carbohydrate Research</i> , 2017 , 440-441, 10-15	2.9	19
203	Structure of the LPS O-chain from <i>Fusobacterium nucleatum</i> strain 10953, containing sialic acid. <i>Carbohydrate Research</i> , 2017 , 440-441, 38-42	2.9	16
202	Structural characterization of wall and lipidated polysaccharides from <i>Clostridium perfringens</i> ATCC 13124. <i>Carbohydrate Research</i> , 2017 , 448, 88-94	2.9	5
201	Another Brick in the Wall: a Rhamnan Polysaccharide Trapped inside Peptidoglycan of. <i>MBio</i> , 2017 , 8,	7.8	27
200	Vaccination with <i>Shigella flexneri</i> 2a conjugate induces type 2a and cross-reactive type 6 antibodies in humans but not in mice. <i>Vaccine</i> , 2017 , 35, 4990-4996	4.1	14
199	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
198	Structure of the LPS O-chain from <i>Fusobacterium nucleatum</i> strain 12230. <i>Carbohydrate Research</i> , 2017 , 448, 115-117	2.9	8
197	A novel glycan modifies the flagellar filament proteins of the oral bacterium <i>Treponema denticola</i> . <i>Molecular Microbiology</i> , 2017 , 103, 67-85	4.1	15

196	Structural dynamics of RbmA governs plasticity of biofilms. <i>ELife</i> , 2017 , 6,	8.9	34
195	Distribution of the O-acetyl groups and β -galactofuranose units in galactoxylomannans of the opportunistic fungus <i>Cryptococcus neoformans</i> . <i>Glycobiology</i> , 2017 , 27, 582-592	5.8	10
194	<i>Tannerella forsythia</i> strains display different cell-surface nonulosonic acids: biosynthetic pathway characterization and first insight into biological implications. <i>Glycobiology</i> , 2017 , 27, 342-357	5.8	14
193	Engineering the <i>Campylobacter jejuni</i> N-glycan to create an effective chicken vaccine. <i>Scientific Reports</i> , 2016 , 6, 26511	4.9	47
192	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
191	The Baseplate of <i>Lactobacillus delbrueckii</i> Bacteriophage Ld17 Harbors a Glycerophosphodiesterase. <i>Journal of Biological Chemistry</i> , 2016 , 291, 16816-27	5.4	8
190	Deacetylation of Fungal Exopolysaccharide Mediates Adhesion and Biofilm Formation. <i>MBio</i> , 2016 , 7, e00252-16	7.8	65
189	The Type B Flagellin of Hypervirulent <i>Clostridium difficile</i> Is Modified with Novel Sulfonated Peptidylamido-glycans. <i>Journal of Biological Chemistry</i> , 2016 , 291, 25439-25449	5.4	12
188	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
187	The core and O-polysaccharide structure of the <i>Caulobacter crescentus</i> lipopolysaccharide. <i>Carbohydrate Research</i> , 2015 , 402, 111-7	2.9	13
186	The structure of the <i>Morganella morganii</i> lipopolysaccharide core region and identification of its genomic loci. <i>Carbohydrate Research</i> , 2015 , 402, 232-5	2.9	1
185	Characterization of the lipopolysaccharide produced by <i>Pasteurella multocida</i> serovars 6, 7 and 16: identification of lipopolysaccharide genotypes L4 and L8. <i>Glycobiology</i> , 2015 , 25, 294-302	5.8	6
184	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
183	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
182	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
181	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
180	Differences in lactococcal cell wall polysaccharide structure are major determining factors in bacteriophage sensitivity. <i>MBio</i> , 2014 , 5, e00880-14	7.8	76
179	Structural analysis of lipopolysaccharide produced by Heddleston serovars 10, 11, 12 and 15 and the identification of a new <i>Pasteurella multocida</i> lipopolysaccharide outer core biosynthesis locus, L6. <i>Glycobiology</i> , 2014 , 24, 649-59	5.8	8

178	Structure elucidation of capsular polysaccharides from <i>Streptococcus pneumoniae</i> serotype 33C, 33D, and revised structure of serotype 33B. <i>Carbohydrate Research</i> , 2014 , 383, 97-104	2.9	12
177	Structural characterization of the extracellular polysaccharide from <i>Vibrio cholerae</i> O1 El-Tor. <i>PLoS ONE</i> , 2014 , 9, e86751	3.7	49
176	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
175	Reinvestigation of the structure of <i>Brucella</i> O-antigens. <i>Carbohydrate Research</i> , 2013 , 378, 144-7	2.9	22
174	Structure and biosynthetic locus of the lipopolysaccharide outer core produced by <i>Pasteurella multocida</i> serovars 8 and 13 and the identification of a novel phospho-glycero moiety. <i>Glycobiology</i> , 2013 , 23, 286-94	5.8	12
173	<i>Pasteurella multocida</i> Heddleston serovar 3 and 4 strains share a common lipopolysaccharide biosynthesis locus but display both inter- and intrastrain lipopolysaccharide heterogeneity. <i>Journal of Bacteriology</i> , 2013 , 195, 4854-64	3.5	23
172	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
171	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
170	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
169	Chemical structure of the carbohydrate backbone of the lipopolysaccharide from <i>Piscirickettsia salmonis</i> . <i>Carbohydrate Research</i> , 2013 , 378, 108-13	2.9	12
168	Identification of the common antigenic determinant shared by <i>Streptococcus pneumoniae</i> serotypes 33A, 35A, and 20 capsular polysaccharides. <i>Carbohydrate Research</i> , 2013 , 380, 101-7	2.9	8
167	Structure of the capsular polysaccharides and lipopolysaccharides from <i>Haemophilus parasuis</i> strains ER-6P (serovar 15) and Nagasaki (serovar 5). <i>Carbohydrate Research</i> , 2013 , 378, 91-7	2.9	10
166	Lipopolysaccharide structure of <i>Helicobacter pylori</i> serogroup O:3. <i>Carbohydrate Research</i> , 2013 , 378, 139-43	2.9	9
165	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
164	<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
163	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
162	Requirement of the lipopolysaccharide O-chain biosynthesis gene <i>wxocB</i> for type III secretion and virulence of <i>Xanthomonas oryzae</i> pv. <i>Oryzicola</i> . <i>Journal of Bacteriology</i> , 2013 , 195, 1959-69	3.5	17
161	Characterization of a trifunctional glucosyltransferase essential for <i>Moraxella catarrhalis</i> lipooligosaccharide assembly. <i>Glycobiology</i> , 2013 , 23, 1013-21	5.8	7

160	Domain organization of the polymerizing mannosyltransferases involved in synthesis of the Escherichia coli O8 and O9a lipopolysaccharide O-antigens. <i>Journal of Biological Chemistry</i> , 2012 , 287, 38135-49	5.4	29
159	Structure of the O-antigen polysaccharide present in the lipopolysaccharide of Cronobacter dublinensis (subspecies lactaridi or lausannensis) HPB 3169. <i>Canadian Journal of Microbiology</i> , 2012 , 58, 540-6	3.2	7
158	Roles for , , and Genes in Lipopolysaccharide Biosynthesis, Protein Glycosylation, Virulence, and Immunogenicity in Strain SCHU S4. <i>Pathogens</i> , 2012 , 1, 12-29	4.5	12
157	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. <i>Carbohydrate Research</i> , 2012 , 347, 186-8	2.9	17
156	Structural characterization of surface glycans from Clostridium difficile. <i>Carbohydrate Research</i> , 2012 , 354, 65-73	2.9	57
155	Characterization of the lipopolysaccharide from Pasteurella multocida Heddleston serovar 9: identification of a proposed bi-functional dTDP-3-acetamido-3,6-dideoxy-D-glucose biosynthesis enzyme. <i>Glycobiology</i> , 2012 , 22, 332-44	5.8	13
154	Identification of a general O-linked protein glycosylation system in Acinetobacter baumannii and its role in virulence and biofilm formation. <i>PLoS Pathogens</i> , 2012 , 8, e1002758	7.6	148
153	Cell surface glycoproteins from Thermoplasma acidophilum are modified with an N-linked glycan containing 6-C-sulfofucose. <i>Glycobiology</i> , 2012 , 22, 1256-67	5.8	19
152	Secondary cell wall polymers of Enterococcus faecalis are critical for resistance to complement activation via mannose-binding lectin. <i>Journal of Biological Chemistry</i> , 2012 , 287, 37769-77	5.4	30
151	Diversity in the protein N-glycosylation pathways within the Campylobacter genus. <i>Molecular and Cellular Proteomics</i> , 2012 , 11, 1203-19	7.6	63
150	A reinvestigation of the lipopolysaccharide structure of Helicobacter pylori strain Sydney (SS1). <i>FEBS Journal</i> , 2011 , 278, 3484-93	5.7	14
149	Structure of the core part of the lipopolysaccharide from Proteus mirabilis genomic strain HI4320. <i>Biochemistry (Moscow)</i> , 2011 , 76, 803-7	2.9	6
148	Pasteurella multocida 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
147	Lipopolysaccharide structures of Helicobacter pylori wild-type strain 26695 and 26695 HP0826::Kan mutant devoid of the O-chain polysaccharide component. <i>Carbohydrate Research</i> , 2011 , 346, 2437-44	2.9	16
146	Characterization of the lipopolysaccharide O-antigen of Cronobacter turicensis HPB3287 as a polysaccharide containing a 5,7-diacetamido-3,5,7,9-tetradecyloxy-D-glycero-D-galacto-non-2-ulosonic acid (legionaminic acid) residue. <i>Carbohydrate Research</i> , 2011 , 346, 2589-94	2.9	20
145	Structural analyses of the core oligosaccharide from the lipopolysaccharide of bovine and ovine strains of Mannheimia haemolytica serotype 2. <i>Carbohydrate Research</i> , 2011 , 346, 1333-6	2.9	4
144	Lipopolysaccharide core structures and their correlation with genetic groupings of Shigella strains. A novel core variant in Shigella boydii type 16. <i>Glycobiology</i> , 2011 , 21, 1362-72	5.8	5
143	The structure of the Escherichia coli O148 lipopolysaccharide core region and its linkage to the O-specific polysaccharide. <i>Carbohydrate Research</i> , 2011 , 346, 150-2	2.9	3

142	Evidence that WapB is a 1,2-glucosyltransferase of <i>Pseudomonas aeruginosa</i> involved in Lipopolysaccharide outer core biosynthesis. <i>Journal of Bacteriology</i> , 2011 , 193, 2708-16	3.5	9
141	Broad-spectrum biofilm inhibition by <i>Kingella kingae</i> exopolysaccharide. <i>Journal of Bacteriology</i> , 2011 , 193, 3879-86	3.5	68
140	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
139	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
138	Biosynthesis of uronamide sugars in <i>Pseudomonas aeruginosa</i> O6 and <i>Escherichia coli</i> O121 O antigens. <i>Environmental Microbiology</i> , 2010 , 12, 1531-44	5.2	12
137	<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
136	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
135	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
134	Antigenic Variation among <i>Bordetella</i> : <i>Bordetella bronchiseptica</i> strain MO149 expresses a novel o chain that is poorly immunogenic. <i>Journal of Biological Chemistry</i> , 2010 , 285, 26869-26877	5.4	10
133	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
132	The application of NMR spectroscopy to functional glycomics. <i>Methods in Molecular Biology</i> , 2010 , 600, 155-73	1.4	8
131	High-level antibiotic resistance in <i>Pseudomonas aeruginosa</i> biofilm: the ndvB 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
130	The structure of the antigenic O-polysaccharide in the lipopolysaccharide of enterohaemorrhagic <i>Escherichia coli</i> serotype O71:H12. <i>Biochemistry and Cell Biology</i> , 2010 , 88, 439-44	3.6	6
129	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
128	Structural determination of the O-antigenic polysaccharide of enteropathogenic <i>Escherichia coli</i> O103:H2. <i>Canadian Journal of Microbiology</i> , 2010 , 56, 366-72	3.2	7
127	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
126	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
125	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

124	The structural characterization of the O-polysaccharide antigen of the lipopolysaccharide of Escherichiacoli serotype O118 and its relation to the O-antigens of Escherichiacoli O151 and Salmonellaenterica O47. <i>Carbohydrate Research</i> , 2010 , 345, 2664-9	2.9	5
123	Identification and differentiation of Taylorella equigenitalis and Taylorella asinigenitalis by lipopolysaccharide O-antigen serology using monoclonal antibodies. <i>Canadian Journal of Veterinary Research</i> , 2010 , 74, 18-24	0.5	2
122	Post-assembly modification of Bordetella bronchiseptica O polysaccharide by a novel periplasmic enzyme encoded by wbmE. <i>Journal of Biological Chemistry</i> , 2009 , 284, 1474-83	5.4	8
121	The CMP-legionaminic acid pathway in Campylobacter: biosynthesis involving novel GDP-linked precursors. <i>Glycobiology</i> , 2009 , 19, 715-25	5.8	103
120	Phosphoethanolamine is located at the 6-position and not at the 7-position of the distal heptose residue in the lipopolysaccharide from Neisseria meningitidis. <i>Glycobiology</i> , 2009 , 19, 1436-45	5.8	5
119	Synthesis, characterization, and immunogenicity in mice of Shigella sonnei 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
118	A novel N-linked flagellar glycan from Methanococcus maripaludis. <i>Carbohydrate Research</i> , 2009 , 344, 648-53	2.9	59
117	Structural characterization of the lipopolysaccharide O-antigen from atypical isolate of Vibrio anguillarum strain 1282. <i>Carbohydrate Research</i> , 2009 , 344, 1371-5	2.9	6
116	Characterization of the cell surface glycolipid from Spirochaeta aurantia. <i>Glycoconjugate Journal</i> , 2009 , 26, 1097-108	3	2
115	Identification of novel carbohydrate modifications on Campylobacter jejuni 11168 flagellin using metabolomics-based approaches. <i>FEBS Journal</i> , 2009 , 276, 1014-23	5.7	54
114	Structure of the lipopolysaccharide core of Vibrio vulnificus type strain 27562. <i>Carbohydrate Research</i> , 2009 , 344, 484-90	2.9	22
113	The structure of the polysaccharide O-chain of the LPS from Acinetobacter baumannii strain ATCC 17961. <i>Carbohydrate Research</i> , 2009 , 344, 474-8	2.9	15
112	Shigella sonnei oligosaccharide-protein conjugates. <i>Procedia in Vaccinology</i> , 2009 , 1, 63-66		1
111	Structural Studies on the Lipopolysaccharide Core of Bacteria of the Genus Citrobacter: Two Different Core Structures in Citrobacter O14 Serogroup. <i>Journal of Carbohydrate Chemistry</i> , 2009 , 28, 298-315	1.7	2
110	Structural and genetic basis for the serological differentiation of Pasteurella multocida Heddlestone serotypes 2 and 5. <i>Journal of Bacteriology</i> , 2009 , 191, 6950-9	3.5	27
109	Characterization of the O-antigen in the lipopolysaccharide of Cronobacter (Enterobacter) malonicus 3267. <i>Biochemistry and Cell Biology</i> , 2009 , 87, 927-32	3.6	25
108	Structure of a novel lipid A obtained from the lipopolysaccharide of Caulobacter crescentus. <i>Innate Immunity</i> , 2008 , 14, 25-37	2.7	31
107	Structure of the O-polysaccharide of the lipopolysaccharide produced by Taylorella asinigenitalis type strain (ATCC 700933). <i>Biochemistry and Cell Biology</i> , 2008 , 86, 278-84	3.6	7

106	The Full Structure of the Carbohydrate Chain of the Lipopolysaccharide of <i>Providencia alcalifaciens</i> O19. <i>Journal of Carbohydrate Chemistry</i> , 2008 , 27, 320-331	1.7	9
105	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
104	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
103	Poly-N-acetylglucosamine and poly(glycerol phosphate) teichoic acid identification from staphylococcal biofilm extracts using excitation sculptured TOCSY NMR. <i>Molecular BioSystems</i> , 2008 , 4, 170-4		9
102	Structure of the oligosaccharide chain of the SR-type lipopolysaccharide of <i>Ralstonia solanacearum</i> Toudk-2. <i>Biomacromolecules</i> , 2008 , 9, 2215-20	6.9	11
101	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
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