Evguenii Vinogradov

List of Publications by Year
in descending order

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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	Brussowvirus SW13 Requires a Cell Surface-Associated Polysaccharide To Recognize Its Streptococcus thermophilus Host. Applied and Environmental Microbiology, 2022, 88, AEM0172321.	3.1	8
2	Characterizing the N- and O-linked glycans of the PGF-CTERM sorting domain-containing S-layer protein of Methanoculleus marisnigri. Glycobiology, 2022, 32, 629-644.	2.5	4
3	Structure of the lipopolysaccharide O-antigens from Fusobacterium nucleatum strains SB-106CP and HM-992 and immunological comparison to the O-antigen of strain 12230. Carbohydrate Research, 2022, 517, 108576.	2.3	1
4	Structural Characterization and Evaluation of an Epitope at the Tip of the A-Band Rhamnan Polysaccharide of Pseudomonas aeruginosa. ACS Infectious Diseases, 2022, 8, 1336-1346.	3.8	3
5	Synthesis and Immunogenicity of a Methyl Rhamnan Pentasaccharide Conjugate from Pseudomonas aeruginosa A-Band Polysaccharide. ACS Infectious Diseases, 2022, 8, 1347-1355.	3.8	4
6	Structural analysis of the core oligosaccharides from Fusobacterium nucleatum lipopolysaccharides. Carbohydrate Research, 2021, 499, 108198.	2.3	0
7	Capsule carbohydrate structure determines virulence in Acinetobacter baumannii. PLoS Pathogens, 2021, 17, e1009291.	4.7	59
8	Trehalose-deficient Acinetobacter baumannii exhibits reduced virulence by losing capsular polysaccharide and altering membrane integrity. Glycobiology, 2021, 31, 1520-1530.	2.5	5
9	Development and Immunogenicity of a Prototype Multivalent Group B Streptococcus Bioconjugate Vaccine. ACS Infectious Diseases, 2021, 7, 3111-3123.	3.8	7
10	Structural investigation of the capsular polysaccharide from a clinical isolate of Fusobacterium necrophorum subspecies necrophorum biotype a strain LA 81â€“617. Carbohydrate Research, 2020, 487, 107876.	2.3	0
11	Structural analysis of the core and polysaccharide from the lipopolysaccharide produced by Chromobacterium violaceum strain ATCC 12472 (NCTC 9757). Carbohydrate Research, 2020, 498, 108182.	2.3	0
12	Comparative Study of Immunogenic Properties of Purified Capsular Polysaccharides fromStreptococcus suisSerotypes 3, 7, 8, and 9: the Serotype 3 Polysaccharide Induces an Opsonizing IgG Response. Infection and Immunity, 2020, 88, .	2.2	10
13	Identification of a novel N-linked glycan on the archaellins and S-layer protein of the thermophilic methanogen, Methanothermococcus thermolithotrophicus. Journal of Biological Chemistry, 2020, 295, 14618-14629.	3.4	11
14	The CWPS Rubikâ€™s cube: Linking diversity of cell wall polysaccharide structures with the encoded biosynthetic machinery of selected Lactococcus lactis strains. Molecular Microbiology, 2020, 114, 582-596.	2.5	19
15	Modulation of bacterial multicellularity via spatio-specific polysaccharide secretion. PLoS Biology, 2020, 18, e3000728.	5.6	37
16	A cell wallâ€associated polysaccharide is required for bacteriophage adsorption to the Streptococcus thermophilus cell surface. Molecular Microbiology, 2020, 114, 31-45.	2.5	22
17	Modulation of bacterial multicellularity via spatio-specific polysaccharide secretion. , 2020, 18, e3000728.		0
18	Modulation of bacterial multicellularity via spatio-specific polysaccharide secretion. , 2020, 18, e3000728.		0

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19	Modulation of bacterial multicellularity via spatio-specific polysaccharide secretion. , 2020, 18, e3000728.		0
20	Modulation of bacterial multicellularity via spatio-specific polysaccharide secretion. , 2020, 18, e3000728.		0
21	Characterization of the 6-O-acetylated lipoglucuronomannogalactan a novel Cryptococcus neoformans cell wall polysaccharide. Carbohydrate Research, 2019, 475, 1-10.	2.3	5
22	A promising bioconjugate vaccine against hypervirulent Klebsiella pneumoniae. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 18655-18663.	7.1	116
23	Structure determination of Streptococcus suis serotypes 7 and 8 capsular polysaccharides and assignment of functions of the cps locus genes involved in their biosynthesis. Carbohydrate Research, 2019, 473, 36-45.	2.3	12
24	Determination of the cell wall polysaccharide and teichoic acid structures from Lactococcus lactis IL1403. Carbohydrate Research, 2018, 462, 39-44.	2.3	21
25	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
26	Structural and immunological characterization of a glycoconjugate based on the delipidated lipopolysaccharide from a nontypeable Helicobacter pylori strain PJ1 containing an extended d - glycero - d - manno -heptan. Carbohydrate Research, 2018, 456, 19-23.	2.3	7
27	Structural studies of the cell wall polysaccharide from Lactococcus lactis UC509.9. Carbohydrate Research, 2018, 461, 25-31.	2.3	16
28	Structure of the LPS O-chain from Fusobacterium nucleatum strain MJR 7757â€¯B. Carbohydrate Research, 2018, 463, 37-39.	2.3	11
29	Streptococcus suis serotype 3 and serotype 18 capsular polysaccharides contain di- N -acetyl-bacillosamine. Carbohydrate Research, 2018, 466, 18-29.	2.3	11
30	Structure of the LPS O-chain from Fusobacterium nucleatum strain ATCC 23726 containing a novel 5,7-diamino-3,5,7,9-tetradeoxy-l-gluco-non-2-ulosonic acid presumably having the d-glycero-l-gluco configuration. Carbohydrate Research, 2018, 468, 69-72.	2.3	14
31	Tannerella forsythiastrains display different cell-surface nonulosonic acids: biosynthetic pathway characterization and first insight into biological implications. Glycobiology, 2017, 27, 342-357.	2.5	21
32	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
33	Structure of the LPS O-chain from Fusobacterium nucleatum strain 10953, containing sialic acid. Carbohydrate Research, 2017, 440-441, 38-42.	2.3	23
34	Structural characterization of wall and lipidated polysaccharides from Clostridium perfringens ATCC 13124. Carbohydrate Research, 2017, 448, 88-94.	2.3	5
35	Another Brick in the Wall: a Rhamnan Polysaccharide Trapped inside Peptidoglycan of Lactococcus lactis. MBio, 2017, 8, .	4.1	42
36	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

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37	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
38	Structure of the LPS O-chain from Fusobacterium nucleatum strain 12230. Carbohydrate Research, 2017, 448, 115-117.	2.3	11
39	A novel glycan modifies the flagellar filament proteins of the oral bacterium <scp>T</scp>reponema denticola. Molecular Microbiology, 2017, 103, 67-85.	2.5	27
40	Structural dynamics of RbmA governs plasticity of Vibrio cholerae biofilms. ELife, 2017, 6, .	6.0	57
41	The Type B Flagellin of Hypervirulent Clostridium difficile Is Modified with Novel Sulfonated Peptidylamido-glycans. Journal of Biological Chemistry, 2016, 291, 25439-25449.	3.4	16
42	Distribution of theO-acetyl groups and Î²-galactofuranose units in galactoxylomannans of the opportunistic fungusCryptococcus neoformans. Glycobiology, 2016, 27, 582-592.	2.5	12
43	Engineering the Campylobacter jejuni N-glycan to create an effective chicken vaccine. Scientific Reports, 2016, 6, 26511.	3.3	70
44	Structural studies of the rhamnose-rich cell wall polysaccharide of Lactobacillus casei BL23. Carbohydrate Research, 2016, 435, 156-161.	2.3	40
45	The Baseplate of Lactobacillus delbrueckii Bacteriophage Ld17 Harbors a Glycerophosphodiesterase. Journal of Biological Chemistry, 2016, 291, 16816-16827.	3.4	11
46	Deacetylation of Fungal Exopolysaccharide Mediates Adhesion and Biofilm Formation. MBio, 2016, 7, e00252-16.	4.1	91
47	A Vaccine Approach for the Prevention of Infections by Multidrug-resistant Enterococcus faecium. Journal of Biological Chemistry, 2015, 290, 19512-19526.	3.4	35
48	The core and O-polysaccharide structure of the Caulobacter crescentus lipopolysaccharide. Carbohydrate Research, 2015, 402, 111-117.	2.3	18
49	The structure of the Morganella morganii lipopolysaccharide core region and identification of its genomic loci. Carbohydrate Research, 2015, 402, 232-235.	2.3	1
50	Characterization of the lipopolysaccharide produced by Pasteurella multocida serovars 6, 7 and 16: Identification of lipopolysaccharide genotypes L4 and L8. Glycobiology, 2015, 25, 294-302.	2.5	8
51	The postâ€translational modification of the <scp>C</scp>lostridium difficile flagellin affects motility, cell surface properties and virulence. Molecular Microbiology, 2014, 94, 272-289.	2.5	47
52	Differences in Lactococcal Cell Wall Polysaccharide Structure Are Major Determining Factors in Bacteriophage Sensitivity. MBio, 2014, 5, e00880-14.	4.1	98
53	Structural analysis of lipopolysaccharide produced by Heddleston serovars 10, 11, 12 and 15 and the identification of a new Pasteurella multocida lipopolysaccharide outer core biosynthesis locus, L6. Glycobiology, 2014, 24, 649-659.	2.5	12
54	Structure elucidation of capsular polysaccharides from Streptococcus pneumoniae serotype 33C, 33D, and revised structure of serotype 33B. Carbohydrate Research, 2014, 383, 97-104.	2.3	17

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55	The structure of the polysaccharide isolated from Acinetobacter baumannii strain LAC-4. Carbohydrate Research, 2014, 390, 42-45.	2.3	44
56	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
57	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
58	Structural Characterization of the Extracellular Polysaccharide from Vibrio cholerae O1 El-Tor. PLoS ONE, 2014, 9, e86751.	2.5	66
59	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
60	Reinvestigation of the structure of Brucella O-antigens. Carbohydrate Research, 2013, 378, 144-147.	2.3	37
61	Structure and biosynthetic locus of the lipopolysaccharide outer core produced by Pasteurella multocida serovars 8 and 13 and the identification of a novel phospho-glycero moiety. Glycobiology, 2013, 23, 286-294.	2.5	13
62	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
63	The capsular polysaccharide and lipopolysaccharide structures of two carbapenem resistant Klebsiella pneumoniae outbreak isolates. Carbohydrate Research, 2013, 369, 6-9.	2.3	36
64	A common pathway for <scp>O</scp>â€linked proteinâ€glycosylation and synthesis of capsule in <scp>A</scp>cinetobacter baumannii. Molecular Microbiology, 2013, 89, 816-830.	2.5	158
65	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
66	Chemical structure of the carbohydrate backbone of the lipopolysaccharide from Piscirickettsia salmonis. Carbohydrate Research, 2013, 378, 108-113.	2.3	13
67	Identification of the common antigenic determinant shared by Streptococcus pneumoniae serotypes 33A, 35A, and 20 capsular polysaccharides. Carbohydrate Research, 2013, 380, 101-107.	2.3	11
68	Structure of the capsular polysaccharides and lipopolysaccharides from Haemophilus parasuis strains ER-6P (serovar 15) and Nagasaki (serovar 5). Carbohydrate Research, 2013, 378, 91-97.	2.3	14
69	Lipopolysaccharide structure of Helicobacter pylori serogroup O:3. Carbohydrate Research, 2013, 378, 139-143.	2.3	12
70	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
71	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
72	Structure and Immunogenicity of the Rough-Type Lipopolysaccharide from the Periodontal Pathogen Tannerella forsythia. Vaccine Journal, 2013, 20, 945-953.	3.1	28

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73	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
74	Characterization of a trifunctional glucosyltransferase essential for Moraxella catarrhalis lipooligosaccharide assembly. Glycobiology, 2013, 23, 1013-1021.	2.5	15
75	Characterization of the lipopolysaccharide from Pasteurella multocida Heddleston serovar 9: Identification of a proposed bi-functional dTDP-3-acetamido-3,6-dideoxy-Â-D-glucose biosynthesis enzyme. Glycobiology, 2012, 22, 332-344.	2.5	13
76	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
77	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
78	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
79	Diversity in the Protein N-Glycosylation Pathways Within the Campylobacter Genus. Molecular and Cellular Proteomics, 2012, 11, 1203-1219.	3.8	84
80	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
81	Structure of the O-antigen polysaccharide present in the lipopolysaccharide ofCronobacter dublinensis(subspecieslactaridiorlausannensis) HPB 3169. Canadian Journal of Microbiology, 2012, 58, 540-546.	1.7	8
82	Roles for wbtC, wbtI, and kdtA Genes in Lipopolysaccharide Biosynthesis, Protein Glycosylation, Virulence, and Immunogenicity in Francisella tularensis Strain SCHU S4. Pathogens, 2012, 1, 12-29.	2.8	16
83	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
84	Structural characterization of surface glycans from Clostridium difficile. Carbohydrate Research, 2012, 354, 65-73.	2.3	78
85	Lipopolysaccharide core structures and their correlation with genetic groupings of Shigella strains. A novel core variant in Shigella boydii type 16. Glycobiology, 2011, 21, 1362-1372.	2.5	7
86	A reinvestigation of the lipopolysaccharide structure of Helicobacterâ€ƒpylori strain Sydney (SS1). FEBS Journal, 2011, 278, 3484-3493.	4.7	16
87	Structure of the core part of the lipopolysaccharide from Proteus mirabilis genomic strain HI4320. Biochemistry (Moscow), 2011, 76, 803-807.	1.5	9
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	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
90	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

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91	Structural analyses of the core oligosaccharide from the lipopolysaccharide of bovine and ovine strains of Mannheimia haemolytica serotype 2. Carbohydrate Research, 2011, 346, 1333-1336.	2.3	4
92	The structure of the Escherichia coli O148 lipopolysaccharide core region and its linkage to the O-specific polysaccharide. Carbohydrate Research, 2011, 346, 150-152.	2.3	3
93	Evidence that WapB Is a 1,2-Glucosyltransferase of Pseudomonas aeruginosa Involved in Lipopolysaccharide Outer Core Biosynthesis. Journal of Bacteriology, 2011, 193, 2708-2716.	2.2	11
94	Broad-Spectrum Biofilm Inhibition by Kingella kingae Exopolysaccharide. Journal of Bacteriology, 2011, 193, 3879-3886.	2.2	91
95	Lipooligosaccharide of Campylobacter jejuni. Journal of Biological Chemistry, 2011, 286, 12361-12370.	3.4	49
96	Oligosaccharide conjugates of Bordetella pertussis and bronchiseptica 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
97	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
98	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
99	The structural characterization of the O-polysaccharide antigen of the lipopolysaccharide of Escherichia coli serotype O118 and its relation to the O-antigens of Escherichia coli O151 and Salmonella enterica O47. Carbohydrate Research, 2010, 345, 2664-2669.	2.3	6
100	Biosynthesis of uronamide sugars inPseudomonas aeruginosaO6 andEscherichia coliO121 O antigens. Environmental Microbiology, 2010, 12, 1531-1544.	3.8	14
101	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
102	Chemical Analysis of Cellular and Extracellular Carbohydrates of a Biofilm-Forming Strain Pseudomonas aeruginosa PA14. PLoS ONE, 2010, 5, e14220.	2.5	56
103	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
104	Antigenic Variation among Bordetella. Journal of Biological Chemistry, 2010, 285, 26869-26877.	3.4	10
105	Cell Surface of Lactococcus lactis Is Covered by a Protective Polysaccharide Pellicle. Journal of Biological Chemistry, 2010, 285, 10464-10471.	3.4	148
106	The Application of NMR Spectroscopy to Functional Glycomics. Methods in Molecular Biology, 2010, 600, 155-173.	0.9	8
107	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
108	The structure of the antigenicO-polysaccharide in the lipopolysaccharide of enterohaemorrhagicEscherichia coliserotype O71:H12. Biochemistry and Cell Biology, 2010, 88, 439-444.	2.0	6

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109	Identification and Characterization of a Glycosyltransferase Involved in Acinetobacter baumannii Lipopolysaccharide Core Biosynthesis. Infection and Immunity, 2010, 78, 2017-2023.	2.2	92
110	Structural determination of the O-antigenic polysaccharide of enteropathogenicEscherichia coliO103:H2. Canadian Journal of Microbiology, 2010, 56, 367-372.	1.7	9
111	Colistin Resistance in Acinetobacter baumannii Is Mediated by Complete Loss of Lipopolysaccharide Production. Antimicrobial Agents and Chemotherapy, 2010, 54, 4971-4977.	3.2	699
112	Identification and differentiation of Taylorella equigenitalis and Taylorella asinigenitalis by lipopolysaccharide O-antigen serology using monoclonal antibodies. Canadian Journal of Veterinary Research, 2010, 74, 18-24.	0.2	2
113	Post-assembly Modification of Bordetella bronchiseptica O Polysaccharide by a Novel Periplasmic Enzyme Encoded by wbmE. Journal of Biological Chemistry, 2009, 284, 1474-1483.	3.4	8
114	The CMP-legionaminic acid pathway in Campylobacter: Biosynthesis involving novel GDP-linked precursors. Glycobiology, 2009, 19, 715-725.	2.5	121
115	Phosphoethanolamine is located at the 6-position and not at the 7-position of the distal heptose residue in the lipopolysaccharide from Neisseria meningitidis. Glycobiology, 2009, 19, 1436-1445.	2.5	6
116	Synthesis, characterization, and immunogenicity in mice of Shigella sonnei 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
117	A novel N-linked flagellar glycan from Methanococcus maripaludis. Carbohydrate Research, 2009, 344, 648-653.	2.3	67
118	Structural characterization of the lipopolysaccharide O-antigen from atypical isolate of Vibrioanguillarum strain 1282. Carbohydrate Research, 2009, 344, 1371-1375.	2.3	11
119	Characterization of the cell surface glycolipid from Spirochaeta aurantia. Glycoconjugate Journal, 2009, 26, 1097-1108.	2.7	2
120	Identification of novel carbohydrate modifications on Campylobacterâ€ƒjejuni 11168 flagellin using metabolomicsâ€based approaches. FEBS Journal, 2009, 276, 1014-1023.	4.7	61
121	Structure of the lipopolysaccharide core of Vibrio vulnificus type strain 27562. Carbohydrate Research, 2009, 344, 484-490.	2.3	23
122	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
123	Shigella sonnei oligosaccharide-protein conjugates. Procedia in Vaccinology, 2009, 1, 63-66.	0.4	1
124	Structural Studies on the Lipopolysaccharide Core of Bacteria of the Genus Citrobacter: Two Different Core Structures in Citrobacter O14 Serogroup. Journal of Carbohydrate Chemistry, 2009, 28, 298-315.	1.1	2
125	Structural and Genetic Basis for the Serological Differentiation of Pasteurella multocida Heddleston Serotypes 2 and 5. Journal of Bacteriology, 2009, 191, 6950-6959.	2.2	34
126	Characterization of the O-antigen in the lipopolysaccharide of Cronobacter (Enterobacter) malonaticus 3267. Biochemistry and Cell Biology, 2009, 87, 927-932.	2.0	26

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127	The structure of the polysaccharide of the lipopolysaccharide produced by Taylorella equigenitalis type strain (ATCC 35865). Carbohydrate Research, 2008, 343, 3079-3084.	2.3	7
128	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
129	Full Structure of the Carbohydrate Chain of the Lipopolysaccharide of Providencia rustigianiiâ€...O34. Chemistry - A European Journal, 2008, 14, 6184-6191.	3.3	21
130	Structural and Immunochemical Analysis of the Lipopolysaccharide from Acinetobacter lwoffiiâ€...F78 Located Outside Chlamydiaceae with a Chlamydiaâ€Specific Lipopolysaccharide Epitope. Chemistry - A European Journal, 2008, 14, 10251-10258.	3.3	31
131	Clostridium difficile cell-surface polysaccharides composed of pentaglycosyl and hexaglycosyl phosphate repeating units. Carbohydrate Research, 2008, 343, 703-710.	2.3	105
132	The structure of the carbohydrate backbone of the LPS from Shewanella spp. MR-4. Carbohydrate Research, 2008, 343, 2701-2705.	2.3	17
133	Effect of the HP0159 ORF mutation on the lipopolysaccharide structure and colonizing ability ofHelicobacter pylori. FEMS Immunology and Medical Microbiology, 2008, 53, 204-213.	2.7	20
134	Flagellar glycosylation in Clostridiumâ€ƒbotulinum. FEBS Journal, 2008, 275, 4428-4444.	4.7	72
135	Structure of a novel lipid A obtained from the lipopolysaccharide of Caulobacter crescentus. Innate Immunity, 2008, 14, 25-36.	2.4	37
136	Structure of the O-polysaccharide of the lipopolysaccharide produced by Taylorella asinigenitalis type strain (ATCC 700933). Biochemistry and Cell Biology, 2008, 86, 278-284.	2.0	7
137	The Full Structure of the Carbohydrate Chain of the Lipopolysaccharide ofProvidencia alcalifaciensO19. Journal of Carbohydrate Chemistry, 2008, 27, 320-331.	1.1	9
138	Poly-N-acetylglucosamine mediates biofilm formation and detergent resistance in Aggregatibacter actinomycetemcomitans. Microbial Pathogenesis, 2008, 44, 52-60.	2.9	99
139	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
140	Poly-N-acetylglucosamine and poly(glycerol phosphate) teichoic acid identification from staphylococcal biofilm extracts using excitation sculptured TOCSY NMR. Molecular BioSystems, 2008, 4, 170-174.	2.9	10
141	Structure of the Oligosaccharide Chain of the SR-Type Lipopolysaccharide of Ralstonia solanacearum Toudk-2. Biomacromolecules, 2008, 9, 2215-2220.	5.4	12
142	Structural and Biological Characterization of a Capsular Polysaccharide Produced by Staphylococcus haemolyticus. Journal of Bacteriology, 2008, 190, 1649-1657.	2.2	26
143	Saccharides cross-reactive with Bacillus anthracis 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
144	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

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145	Functional Characterization of MigA and WapR: Putative Rhamnosyltransferases Involved in Outer Core Oligosaccharide Biosynthesis ofPseudomonas aeruginosa. Journal of Bacteriology, 2008, 190, 1857-1865.	2.2	54
146	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
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