

Evguenii Vinogradov

List of Publications by Year in descending order

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233
papers

8,307
citations

53660

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docs citations

237
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Colistin Resistance in <i>Acinetobacter baumannii</i> Is Mediated by Complete Loss of Lipopolysaccharide Production. <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 4971-4977.	1.4	699
2	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.	2.1	196
3	Detection of Conserved N-Linked Glycans and Phase-variable Lipooligosaccharides and Capsules from <i>Campylobacter</i> Cells by Mass Spectrometry and High Resolution Magic Angle Spinning NMR Spectroscopy. <i>Journal of Biological Chemistry</i> , 2003, 278, 24509-24520.	1.6	180
4	Structural analysis of <i>Francisella tularensis</i> lipopolysaccharide. <i>FEBS Journal</i> , 2002, 269, 6112-6118.	0.2	165
5	A common pathway for O-linked protein glycosylation and synthesis of capsule in <i>Acinetobacter baumannii</i> . <i>Molecular Microbiology</i> , 2013, 89, 816-830.	1.2	158
6	Functional Characterization of Dehydratase/Aminotransferase Pairs from <i>Helicobacter</i> and <i>Campylobacter</i> . <i>Journal of Biological Chemistry</i> , 2006, 281, 723-732.	1.6	154
7	Cell Surface of <i>Lactococcus lactis</i> Is Covered by a Protective Polysaccharide Pellicle. <i>Journal of Biological Chemistry</i> , 2010, 285, 10464-10471.	1.6	148
8	Structures of Lipopolysaccharides from <i>Klebsiella pneumoniae</i> . <i>Journal of Biological Chemistry</i> , 2002, 277, 25070-25081.	1.6	146
9	Poly-N-acetylglucosamine mediates biofilm formation and antibiotic resistance in <i>Actinobacillus pleuropneumoniae</i> . <i>Microbial Pathogenesis</i> , 2007, 43, 1-9.	1.3	143
10	The K1 Capsular Polysaccharide from <i>Acinetobacter baumannii</i> Is a Potential Therapeutic Target via Passive Immunization. <i>Infection and Immunity</i> , 2013, 81, 915-922.	1.0	131
11	The CMP-legionaminic acid pathway in <i>Campylobacter</i> : Biosynthesis involving novel GDP-linked precursors. <i>Glycobiology</i> , 2009, 19, 715-725.	1.3	121
12	A promising bioconjugate vaccine against hypervirulent <i>Klebsiella pneumoniae</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 18655-18663.	3.3	116
13	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, 5620-5623.	1.0	112
14	<i>Clostridium difficile</i> cell-surface polysaccharides composed of pentaglycosyl and hexaglycosyl phosphate repeating units. <i>Carbohydrate Research</i> , 2008, 343, 703-710.	1.1	105
15	High-level antibiotic resistance in <i>Pseudomonas aeruginosa</i> biofilm: the <i>ndvB</i> gene is involved in the production of highly glycerol-phosphorylated (1->3)-glucans, which bind aminoglycosides. <i>Glycobiology</i> , 2010, 20, 895-904.	1.3	101
16	Poly-N-acetylglucosamine mediates biofilm formation and detergent resistance in <i>Aggregatibacter actinomycetemcomitans</i> . <i>Microbial Pathogenesis</i> , 2008, 44, 52-60.	1.3	99
17	Differences in Lactococcal Cell Wall Polysaccharide Structure Are Major Determining Factors in Bacteriophage Sensitivity. <i>MBio</i> , 2014, 5, e00880-14.	1.8	98
18	Identification and Characterization of a Glycosyltransferase Involved in <i>Acinetobacter baumannii</i> Lipopolysaccharide Core Biosynthesis. <i>Infection and Immunity</i> , 2010, 78, 2017-2023.	1.0	92

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19	Broad-Spectrum Biofilm Inhibition by <i>Kingella kingae</i> Exopolysaccharide. <i>Journal of Bacteriology</i> , 2011, 193, 3879-3886.	1.0	91
20	Deacetylation of Fungal Exopolysaccharide Mediates Adhesion and Biofilm Formation. <i>MBio</i> , 2016, 7, e00252-16.	1.8	91
21	Diversity in the Protein N-Glycosylation Pathways Within the <i>Campylobacter</i> Genus. <i>Molecular and Cellular Proteomics</i> , 2012, 11, 1203-1219.	2.5	84
22	Structural characterization of surface glycans from <i>Clostridium difficile</i> . <i>Carbohydrate Research</i> , 2012, 354, 65-73.	1.1	78
23	H2BC: a new technique for NMR analysis of complex carbohydrates. <i>Carbohydrate Research</i> , 2006, 341, 550-556.	1.1	72
24	Flagellar glycosylation in <i>Clostridium botulinum</i> . <i>FEBS Journal</i> , 2008, 275, 4428-4444.	2.2	72
25	Engineering the <i>Campylobacter jejuni</i> N-glycan to create an effective chicken vaccine. <i>Scientific Reports</i> , 2016, 6, 26511.	1.6	70
26	A novel N-linked flagellar glycan from <i>Methanococcus maripaludis</i> . <i>Carbohydrate Research</i> , 2009, 344, 648-653.	1.1	67
27	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.	1.9	67
28	Structural Characterization of the Extracellular Polysaccharide from <i>Vibrio cholerae</i> O1 El-Tor. <i>PLoS ONE</i> , 2014, 9, e86751.	1.1	66
29	The structure of the lipopolysaccharide O-antigen produced by <i>Flavobacterium psychrophilum</i> (259-93). <i>FEBS Journal</i> , 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. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 7974-7978.	3.3	63
31	Characterization of the Lipopolysaccharides and Capsules of <i>Shewanella</i> spp. <i>Applied and Environmental Microbiology</i> , 2002, 68, 4653-4657.	1.4	62
32	Identification of novel carbohydrate modifications on <i>Campylobacter jejuni</i> 11168 flagellin using metabolomics-based approaches. <i>FEBS Journal</i> , 2009, 276, 1014-1023.	2.2	61
33	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, 1991-1997.	1.1	60
34	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, 4407-4422.	2.2	59
35	Capsule carbohydrate structure determines virulence in <i>Acinetobacter baumannii</i> . <i>PLoS Pathogens</i> , 2021, 17, e1009291.	2.1	59
36	The core structure of the lipopolysaccharide from the causative agent of plague, <i>Yersinia pestis</i> . <i>Carbohydrate Research</i> , 2002, 337, 775-777.	1.1	57

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37	Structural dynamics of RbmA governs plasticity of <i>Vibrio cholerae</i> biofilms. <i>ELife</i> , 2017, 6, .	2.8	57
38	Chemical Analysis of Cellular and Extracellular Carbohydrates of a Biofilm-Forming Strain <i>Pseudomonas aeruginosa</i> PA14. <i>PLoS ONE</i> , 2010, 5, e14220.	1.1	56
39	Structural analysis of the core region of the lipopolysaccharides from eight serotypes of <i>Klebsiella pneumoniae</i> . <i>Carbohydrate Research</i> , 2001, 335, 291-296.	1.1	55
40	Complete Structures of <i>Bordetella bronchiseptica</i> and <i>Bordetella parapertussis</i> Lipopolysaccharides. <i>Journal of Biological Chemistry</i> , 2006, 281, 18135-18144.	1.6	55
41	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, 1857-1865.	1.0	54
42	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, 7005-7015.	1.5	53
43	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, 33-37.	1.1	52
44	Structural analysis of the lipopolysaccharide of <i>Pasteurella multocida</i> strain VP161: identification of both Kdo-P and Kdo species in the lipopolysaccharide. <i>Carbohydrate Research</i> , 2005, 340, 59-68.	1.1	49
45	Lipooligosaccharide of <i>Campylobacter jejuni</i> . <i>Journal of Biological Chemistry</i> , 2011, 286, 12361-12370.	1.6	49
46	Characterization of the lipopolysaccharide O-antigen of <i>Francisella novicida</i> (U112). <i>Carbohydrate Research</i> , 2004, 339, 649-654.	1.1	48
47	The post-translational modification of the <i>Clostridium difficile</i> flagellin affects motility, cell surface properties and virulence. <i>Molecular Microbiology</i> , 2014, 94, 272-289.	1.2	47
48	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, 323-333.	1.3	46
49	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.	2.7	46
50	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.	1.1	44
51	The structure of the polysaccharide isolated from <i>Acinetobacter baumannii</i> strain LAC-4. <i>Carbohydrate Research</i> , 2014, 390, 42-45.	1.1	44
52	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, 2751-2756.	1.1	43
53	O-Acetylation in the O-specific polysaccharide isolated from <i>Shigella flexneri</i> serotype 2a. <i>Carbohydrate Research</i> , 2007, 342, 643-647.	1.1	43
54	Another Brick in the Wall: a Rhamnan Polysaccharide Trapped inside Peptidoglycan of <i>Lactococcus lactis</i> . <i>MBio</i> , 2017, 8, .	1.8	42

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55	The structure of the carbohydrate backbone of the lipopolysaccharide from <i>Acinetobacter baumannii</i> strain ATCC 19606. <i>FEBS Journal</i> , 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 <i>Escherichia coli</i> O157:H7. <i>Journal of Biological Chemistry</i> , 2004, 279, 31237-31250.	1.6	40
57	Structural studies of the rhamnose-rich cell wall polysaccharide of <i>Lactobacillus casei</i> BL23. <i>Carbohydrate Research</i> , 2016, 435, 156-161.	1.1	40
58	Cold temperature-induced modifications to the composition and structure of the lipopolysaccharide of <i>Yersinia pestis</i> . <i>Carbohydrate Research</i> , 2005, 340, 1625-1630.	1.1	38
59	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, 3975-3989.	2.2	38
60	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.	7.2	37
61	Structural analysis of the core region of lipopolysaccharides from <i>Proteus mirabilis</i> serotypes O6, O48 and O57. <i>FEBS Journal</i> , 2000, 267, 2439-2447.	0.2	37
62	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> , 2006, 12, 6692-6700.	1.7	37
63	Structure of a novel lipid A obtained from the lipopolysaccharide of <i>Caulobacter crescentus</i> . <i>Innate Immunity</i> , 2008, 14, 25-36.	1.1	37
64	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, 37769-37777.	1.6	37
65	Reinvestigation of the structure of <i>Brucella</i> O-antigens. <i>Carbohydrate Research</i> , 2013, 378, 144-147.	1.1	37
66	<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, 4854-4864.	1.0	37
67	Modulation of bacterial multicellularity via spatio-specific polysaccharide secretion. <i>PLoS Biology</i> , 2020, 18, e3000728.	2.6	37
68	The capsular polysaccharide and lipopolysaccharide structures of two carbapenem resistant <i>Klebsiella pneumoniae</i> outbreak isolates. <i>Carbohydrate Research</i> , 2013, 369, 6-9.	1.1	36
69	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, 157-161.	0.7	35
70	Characterization of the lipopolysaccharide and beta-glucan of the fish pathogen <i>Francisella victoria</i> . <i>FEBS Journal</i> , 2006, 273, 3002-3013.	2.2	35
71	A Vaccine Approach for the Prevention of Infections by Multidrug-resistant <i>Enterococcus faecium</i> . <i>Journal of Biological Chemistry</i> , 2015, 290, 19512-19526.	1.6	35
72	Investigation of the Structural Requirements in the Lipopolysaccharide Core Acceptor for Ligation of O Antigens in the Genus <i>Salmonella</i> . <i>Journal of Biological Chemistry</i> , 2004, 279, 36470-36480.	1.6	34

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73	Structural Analysis of the Capsular Polysaccharide from <i>Campylobacter jejuni</i> RM1221. <i>ChemBioChem</i> , 2007, 8, 625-631.	1.3	34
74	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, 6950-6959.	1.0	34
75	Toward a new vaccine for pertussis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 3213-3216.	3.3	34
76	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, 1600-1608.	1.1	33
77	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.	1.3	32
78	The structure of a polysaccharide isolated from <i>Inonotus levis</i> P. Karst. mushroom (Heterobasidiomycetes). <i>Carbohydrate Research</i> , 2005, 340, 2821-2825.	1.1	32
79	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, 4332-4343.	1.6	32
80	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, 4087-4092.	3.3	32
81	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, 38135-38149.	1.6	32
82	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, 262-269.	0.2	31
83	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, 3566-3576.	0.2	31
84	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.	1.1	31
85	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.	0.7	31
86	Structural and Immunochemical Analysis of the Lipopolysaccharide from <i>Acinetobacter lwoffii</i> F78 Located Outside <i>Chlamydiaceae</i> with a <i>Chlamydia</i> Specific Lipopolysaccharide Epitope. <i>Chemistry - A European Journal</i> , 2008, 14, 10251-10258.	1.7	31
87	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, 1483-1489.	1.1	30
88	<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, 289-296.	0.8	30
89	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.	1.1	29
90	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, 7230-7237.	0.2	29

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91	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, 3123-3127.	1.1	29
92	The structure of the LPS O-chain of <i>Fusobacterium nucleatum</i> strain 25586 containing two novel monosaccharides, 2-acetamido-2,6-dideoxy- <i>l</i> -altrose and a 5-acetimidoylamino-3,5,9-trideoxy- <i>gluco</i> -non-2-ulosonic acid. <i>Carbohydrate Research</i> , 2017, 440-441, 10-15.	1.1	29
93	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, 27928-27940.	1.6	28
94	Structural studies on the R-type lipopolysaccharide of <i>Aeromonas hydrophila</i> . <i>Carbohydrate Research</i> , 2004, 339, 787-793.	1.1	28
95	Structure and Immunogenicity of the Rough-Type Lipopolysaccharide from the Periodontal Pathogen <i>Tannerella forsythia</i> . <i>Vaccine Journal</i> , 2013, 20, 945-953.	3.2	28
96	The structure of the core part of <i>Proteus vulgaris</i> OX2 lipopolysaccharide. <i>Carbohydrate Research</i> , 1999, 320, 239-243.	1.1	27
97	The structure of the exocellular polysaccharide produced by <i>Rhodococcus</i> sp. RHA1. <i>Carbohydrate Research</i> , 2007, 342, 2223-2229.	1.1	27
98	A novel glycan modifies the flagellar filament proteins of the oral bacterium <i>Reponema denticola</i> . <i>Molecular Microbiology</i> , 2017, 103, 67-85.	1.2	27
99	The structure of the core region of the lipopolysaccharide from <i>Klebsiella pneumoniae</i> O3. <i>FEBS Journal</i> , 2001, 268, 1722-1729.	0.2	26
100	Structural and Biological Characterization of a Capsular Polysaccharide Produced by <i>Staphylococcus haemolyticus</i> . <i>Journal of Bacteriology</i> , 2008, 190, 1649-1657.	1.0	26
101	Characterization of the O-antigen in the lipopolysaccharide of <i>Cronobacter</i> (<i>Enterobacter</i>) <i>malonicus</i> 3267. <i>Biochemistry and Cell Biology</i> , 2009, 87, 927-932.	0.9	26
102	<i>Francisella tularensis</i> Blue 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.	1.5	26
103	<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, 978-989.	1.9	26
104	The structure of the core region of the lipopolysaccharide from <i>Shewanella algae</i> BrY, containing 8-amino-3,8-dideoxy-d-manno-oct-2-ulosonic acid. <i>Carbohydrate Research</i> , 2004, 339, 737-740.	1.1	24
105	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, 543-552.	3.9	24
106	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, 3587-3593.	1.7	24
107	Cell surface glycoproteins from <i>Thermoplasma acidophilum</i> are modified with an N-linked glycan containing 6-C-sulfofucose. <i>Glycobiology</i> , 2012, 22, 1256-1267.	1.3	24
108	The Role of Galacturonic Acid in Outer Membrane Stability in <i>Klebsiella pneumoniae</i> . <i>Journal of Biological Chemistry</i> , 2005, 280, 27604-27612.	1.6	23

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109	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, 1865-1868.	1.3	23
110	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, 8709-8712.	3.3	23
111	Structure of the lipopolysaccharide core of <i>Vibrio vulnificus</i> type strain 27562. <i>Carbohydrate Research</i> , 2009, 344, 484-490.	1.1	23
112	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.	1.1	23
113	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, 4507-4516.	0.2	22
114	Structural studies of the core region of <i>Aeromonas salmonicida</i> subsp. <i>salmonicida</i> lipopolysaccharide. <i>Carbohydrate Research</i> , 2006, 341, 109-117.	1.1	22
115	lfnA from <i>Pseudomonas aeruginosa</i> O12 and <i>wbuX</i> from <i>Escherichia coli</i> O145 Encode Membrane-Associated Proteins and Are Required for Expression of 2,6-Dideoxy-2-Acetamido-1-Galactose in Lipopolysaccharide O Antigen. <i>Journal of Bacteriology</i> , 2008, 190, 1671-1679.	1.0	22
116	Characterization of the Structure and Biological Functions of a Capsular Polysaccharide Produced by <i>Staphylococcus saprophyticus</i> . <i>Journal of Bacteriology</i> , 2010, 192, 4618-4626.	1.0	22
117	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, 1959-1969.	1.0	22
118	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.	1.2	22
119	The structure of the carbohydrate backbone of the LPS from <i>Shewanella putrefaciens</i> CN32. <i>Carbohydrate Research</i> , 2002, 337, 1285-1289.	1.1	21
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