Andrew D Cox

List of Publications by Year
in descending order

126 papers	4,428 citations	109321 35 h-index	128289 60 g-index
127 all docs	127 docs citations	127 times ranked	3541 citing authors

#	Article	IF	Citations
1	Colistin Resistance in <i>Acinetobacter baumannii</i> Is Mediated by Complete Loss of Lipopolysaccharide Production. Antimicrobial Agents and Chemotherapy, 2010, 54, 4971-4977.	3.2	699
2	The position of phosphorylcholine on the lipopolysaccharide of Haemophilus influenzae affects binding and sensitivity to C-reactive protein-mediated killing. Molecular Microbiology, 2000, 35, 234-245.	2.5	146
3	Cytosolic detection of the bacterial metabolite HBP activates TIFA-dependent innate immunity. Science, 2015, 348, 1251-1255.	12.6	134
4	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
5	Identification of a lipopolysaccharide alpha-2,3-sialyltransferase from Haemophilus influenzae. Molecular Microbiology, 2001, 39, 341-351.	2.5	121
6	Phosphorylation of the Lipid A Region of Meningococcal Lipopolysaccharide: Identification of a Family of Transferases That Add Phosphoethanolamine to Lipopolysaccharide. Journal of Bacteriology, 2003, 185, 3270-3277.	2.2	115
7	Identification and Characterization of a Glycosyltransferase Involved in <i>Acinetobacter baumannii</i> Lipopolysaccharide Core Biosynthesis. Infection and Immunity, 2010, 78, 2017-2023.	2.2	92
8	Identification of a gene (lpt-3) required for the addition of phosphoethanolamine to the lipopolysaccharide inner core of Neisseria meningitidis and its role in mediating susceptibility to bactericidal killing and opsonophagocytosis. Molecular Microbiology, 2002, 43, 931-943.	2.5	91
9	Development of a Rapid Multiplex PCR Assay To Genotype Pasteurella multocida Strains by Use of the Lipopolysaccharide Outer Core Biosynthesis Locus. Journal of Clinical Microbiology, 2015, 53, 477-485.	3.9	89
10	Neisserial Lipooligosaccharide Is a Target for Complement Component C4b. Journal of Biological Chemistry, 2003, 278, 50853-50862.	3.4	82
11	Conservation and Accessibility of an Inner Core Lipopolysaccharide Epitope of<i>Neisseria meningitidis</i>. Infection and Immunity, 1999, 67, 5417-5426.	2.2	82
12	Enhanced Factor H Binding to Sialylated Gonococci Is Restricted to the Sialylated Lacto- N -Neotetraose Lipooligosaccharide Species: Implications for Serum Resistance and Evidence for a Bifunctional Lipooligosaccharide Sialyltransferase in Gonococci. Infection and Immunity, 2005, 73, 7390-7397.	2.2	63
13	Immunization against a Saccharide Epitope Accelerates Clearance of Experimental Gonococcal Infection. PLoS Pathogens, 2013, 9, e1003559.	4.7	63
14	A Heptosyltransferase Mutant of Pasteurella multocida Produces a Truncated Lipopolysaccharide Structure and Is Attenuated in Virulence. Infection and Immunity, 2004, 72, 3436-3443.	2.2	62
15	Incorporation of N-Acetylneuraminic Acid into Haemophilus somnus Lipooligosaccharide (LOS): Enhancement of Resistance to Serum and Reduction of LOS Antibody Binding. Infection and Immunity, 2002, 70, 4870-4879.	2.2	61
16	lpt6, a Gene Required for Addition of Phosphoethanolamine to Inner-Core Lipopolysaccharide of Neisseria meningitidis and Haemophilus influenzae. Journal of Bacteriology, 2004, 186, 6970-6982.	2.2	56
17	Structural analysis of the lipopolysaccharide from Vibrio cholerae O139. Carbohydrate Research, 1996, 290, 43-58.	2.3	55
18	Pasteurella multocida lipopolysaccharide: The long and the short of it. Veterinary Microbiology, 2011, 153, 109-115.	1.9	54

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19	<i>Neisseria gonorrhoeae-</i>derived heptose elicits an innate immune response and drives HIV-1 expression. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 10234-10239.	7.1	54
20	Identification of a Bifunctional Lipopolysaccharide Sialyltransferase in Haemophilus influenzae. Journal of Biological Chemistry, 2006, 281, 40024-40032.	3.4	53
21	Utilizing CMP-Sialic Acid Analogs to Unravel Neisseria gonorrhoeae Lipooligosaccharide-Mediated Complement Resistance and Design Novel Therapeutics. PLoS Pathogens, 2015, 11, e1005290.	4.7	53
22	Structural analysis of the O-antigen-core region of the lipopolysaccharide from Vibrio cholerae O139. Carbohydrate Research, 1996, 290, 59-65.	2.3	52
23	Structural analysis of the lipopolysaccharide of Pasteurella multocida strain VP161: identification of both Kdo-P and Kdoâ€“Kdo species in the lipopolysaccharide. Carbohydrate Research, 2005, 340, 59-68.	2.3	49
24	Truncation of the Lipopolysaccharide Outer Core Affects Susceptibility to Antimicrobial Peptides and Virulence of Actinobacillus pleuropneumoniae Serotype 1. Journal of Biological Chemistry, 2005, 280, 39104-39114.	3.4	49
25	Three genes, lgtF, lic2C and lpsA, have a primary role in determining the pattern of oligosaccharide extension from the inner core of Haemophilus influenzae LPS. Microbiology (United Kingdom), 2004, 150, 2089-2097.	1.8	47
26	Pasteurella multocida Expresses Two Lipopolysaccharide Glycoforms Simultaneously, but Only a Single Form Is Required for Virulence: Identification of Two Acceptor-Specific Heptosyl I Transferases. Infection and Immunity, 2007, 75, 3885-3893.	2.2	47
27	Structural analysis of the lipopolysaccharide from Pasteurella multocida genome strain Pm70 and identification of the putative lipopolysaccharide glycosyltransferases. Glycobiology, 2005, 15, 323-333.	2.5	46
28	Investigating the candidacy of a lipoteichoic acid-based glycoconjugate as a vaccine to combat Clostridium difficile infection. Glycoconjugate Journal, 2013, 30, 843-855.	2.7	46
29	Biosynthesis of Cryptic Lipopolysaccharide Glycoforms in Haemophilus influenzae Involves a Mechanism Similar to That Required for O-Antigen Synthesis. Journal of Bacteriology, 2004, 186, 7429-7439.	2.2	45
30	Decoration of<i>Pasteurella multocida</i>Lipopolysaccharide with Phosphocholine Is Important for Virulence. Journal of Bacteriology, 2007, 189, 7384-7391.	2.2	44
31	Antigenic Potential of a Highly Conserved Neisseria meningitidis Lipopolysaccharide Inner Core Structure Defined by Chemical Synthesis. Chemistry and Biology, 2015, 22, 38-49.	6.0	41
32	Structural analysis of the lipopolysaccharide from Neisseria meningitidis strain BZ157 galE: localisation of two phosphoethanolamine residues in the inner core oligosaccharide. Carbohydrate Research, 2002, 337, 1435-1444.	2.3	38
33	Structural analysis of the phase-variable lipooligosaccharide from Haemophilus somnus strain 738. FEBS Journal, 1998, 253, 507-516.	0.2	37
34	Molecular Cloning and Mutagenesis of a DNA Locus Involved in Lipooligosaccharide Biosynthesis in <i>Haemophilus somnus</i>. Infection and Immunity, 2000, 68, 310-319.	2.2	37
35	Structural analysis of the lipopolysaccharide derived core oligosaccharides of Actinobacillus pleuropneumoniae serotypes 1, 2, 5a and the genome strain 5b. Carbohydrate Research, 2004, 339, 1973-1984.	2.3	37
36	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

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37	Polar lipids and fatty acids of Pseudomonas cepacia. Lipids and Lipid Metabolism, 1989, 1001, 60-67.	2.6	34
38	Structural and Genetic Basis for the Serological Differentiation of <i>Pasteurella multocida</i> Heddleston Serotypes 2 and 5. Journal of Bacteriology, 2009, 191, 6950-6959.	2.2	34
39	Invasive Potential of Nonencapsulated Disease Isolates of Neisseria meningitidis. Infection and Immunity, 2012, 80, 2346-2353.	2.2	34
40	ArcA-Regulated Glycosyltransferase Lic2B Promotes Complement Evasion and Pathogenesis of Nontypeable Haemophilus influenzae. Infection and Immunity, 2011, 79, 1971-1983.	2.2	33
41	Identification and structural characterization of a sialylated lacto-N-neotetraose structure in the lipopolysaccharide ofHaemophilus influenzae. FEBS Journal, 2002, 269, 4009-4019.	0.2	32
42	Development, Characterization, and Functional Activity of a Panel of Specific Monoclonal Antibodies to Inner Core Lipopolysaccharide Epitopes in Neisseria meningitidis. Infection and Immunity, 2004, 72, 559-569.	2.2	32
43	Structural analysis of the lipopolysaccharide from the nontypable Haemophilus influenzae strain SB 33. FEBS Journal, 2001, 268, 5278-5286.	0.2	31
44	Structural analysis of the core oligosaccharide from Pasteurella multocida strain X73. Carbohydrate Research, 2005, 340, 1253-1257.	2.3	31
45	Phase-Variable Heptose I Glycan Extensions Modulate Efficacy of 2C7 Vaccine Antibody Directed against <i>Neisseria gonorrhoeae</i> Lipooligosaccharide. Journal of Immunology, 2016, 196, 4576-4586.	0.8	31
46	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
47	Identification, structure, and characterization of an exopolysaccharide produced by Histophilus somniduring biofilm formation. BMC Microbiology, 2011, 11, 186.	3.3	30
48	Mutation in the LPS outer core biosynthesis gene, <i>galU</i>, affects LPS interaction with the RTX toxins ApxI and ApxII and cytolytic activity of <i>Actinobacillus pleuropneumoniae</i> serotype 1. Molecular Microbiology, 2008, 70, 221-235.	2.5	29
49	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
50	A Novel Sialylation Site on Neisseria gonorrhoeae Lipooligosaccharide Links Heptose II Lactose Expression with Pathogenicity. Infection and Immunity, 2018, 86, .	2.2	29
51	The role of lex2 in lipopolysaccharide biosynthesis in Haemophilus influenzae strains RM7004 and RM153. Microbiology (United Kingdom), 2003, 149, 3165-3175.	1.8	27
52	Identification of Novel Glycosyltransferases Required for Assembly of the <i>Pasteurella multocida</i> A:1 Lipopolysaccharide and Their Involvement in Virulence. Infection and Immunity, 2009, 77, 1532-1542.	2.2	27
53	Application of capillary electrophoresis- electrospray-mass spectrometry to the separation and characterization of isomeric lipopolysaccharides ofNeisseria meningitidis. Electrophoresis, 2004, 25, 2017-2025.	2.4	26
54	Antigenic Diversity of <i>Haemophilus somnus</i> Lipooligosaccharide: Phase-Variable Accessibility of the Phosphorylcholine Epitope. Journal of Clinical Microbiology, 2000, 38, 4412-4419.	3.9	26

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55	Protective efficacy afforded by live Pasteurella multocida vaccines in chickens is independent of lipopolysaccharide outer core structure. Vaccine, 2016, 34, 1696-1703.	3.8	25
56	Heptose I Glycan Substitutions on Neisseria gonorrhoeae Lipooligosaccharide Influence C4b-Binding Protein Binding and Serum Resistance. Infection and Immunity, 2007, 75, 4071-4081.	2.2	24
57	Structural analysis of the lipopolysaccharide from Vibrio cholerae serotype O22. Carbohydrate Research, 1997, 304, 191-208.	2.3	23
58	Electrophoretic and mass spectrometric strategies for profiling bacterial lipopolysaccharides. Molecular BioSystems, 2005, 1, 46.	2.9	23
59	Structure of the LPS O-chain from Fusobacterium nucleatum strain 10953, containing sialic acid. Carbohydrate Research, 2017, 440-441, 38-42.	2.3	23
60	Investigating the candidacy of a capsular polysaccharide-based glycoconjugate as a vaccine to combat Haemophilus influenzae type a disease: A solution for an unmet public health need. Vaccine, 2017, 35, 6129-6136.	3.8	23
61	Structure of the putative O antigen containing 2-amino-2-deoxy-l-glucose in the reference strain for Pseudomonas cepacia serogroup O1. Carbohydrate Research, 1990, 195, 295-301.	2.3	22
62	Identification and localization of glycine in the inner core lipopolysaccharide ofNeisseria meningitidis. FEBS Journal, 2002, 269, 4169-4175.	0.2	22
63	Naturally-occurring human serum antibodies to inner core lipopolysaccharide epitopes of Neisseria meningitidis protect against invasive meningococcal disease caused by isolates displaying homologous inner core structures. Vaccine, 2008, 26, 6655-6663.	3.8	22
64	Investigating the candidacy of the serotype specific rhamnan polysaccharide based glycoconjugates to prevent disease caused by the dental pathogen Streptococcus mutans. Glycoconjugate Journal, 2018, 35, 53-64.	2.7	22
65	Structures of the 0-specific polymers from the LIPOPOLYSACCHARIDES OF THE REFERENCE STRAINS FOR Pseudomonas cepacia SEROGROUPS 03 AND 05. Carbohydrate Research, 1989, 195, 123-129.	2.3	21
66	Structural analysis of the oligosaccharide of Histophilus somni (Haemophilus somnus) strain 2336 and identification of several lipooligosaccharide biosynthesis gene homologues. Carbohydrate Research, 2005, 340, 665-672.	2.3	21
67	Structural basis for selective cross-reactivity in a bactericidal antibody against inner core lipooligosaccharide from Neisseria meningitidisâ€‚â€¡. Glycobiology, 2014, 24, 442-449.	2.5	20
68	Digalactoside Expression in the Lipopolysaccharide of Haemophilus influenzae and Its Role in Intravascular Survival. Infection and Immunity, 2005, 73, 7022-7026.	2.2	19
69	Investigating the potential of conserved inner core oligosaccharide regions of Moraxella catarrhalis lipopolysaccharide as vaccine antigens: accessibility and functional activity of monoclonal antibodies and glycoconjugate derived sera. Glycoconjugate Journal, 2011, 28, 165-182.	2.7	19
70	Characterization of a lipopolysaccharide O antigen containing two different trisaccharide repeating units from Burkholderia cepacia serotype E (O2). Carbohydrate Research, 1995, 272, 231-239.	2.3	18
71	Molecular characterization of phosphorylcholine expression on the lipooligosaccharide of Histophilus somni. Microbial Pathogenesis, 2009, 47, 223-230.	2.9	18
72	Characterization of a DNA region containing 5â€²-(CAAT)n-3â€² DNA sequences involved in lipooligosaccharide biosynthesis in Haemophilus somnus. Microbial Pathogenesis, 2000, 28, 301-312.	2.9	17

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73	Identification of a novel inner-core oligosaccharide structure in Neisseria meningitidis lipopolysaccharide. FEBS Journal, 2003, 270, 1759-1766.	0.2	17
74	Activation of Innate Immune Responses by Haemophilus influenzae Lipooligosaccharide. Vaccine Journal, 2014, 21, 769-776.	3.1	17
75	<scp>d</scp>-Glycero-Î²-<scp>d</scp>-Manno-Heptose 1-Phosphate and <scp>d</scp>-Glycero-Î²-<scp>d</scp>-Manno-Heptose 1,7-Biphosphate Are Both Innate Immune Agonists. Journal of Immunology, 2018, 201, 2385-2391.	0.8	17
76	Structures of the two Polymers Present in the Lipopolysaccharide of Burkholderia (Pseudomonas) Cepacia Serogroup O4. FEBS Journal, 1995, 231, 784-789.	0.2	15
77	Characterization of a trifunctional glucosyltransferase essential for Moraxella catarrhalis lipooligosaccharide assembly. Glycobiology, 2013, 23, 1013-1021.	2.5	15
78	Production of a d-glycero-d-manno-heptosyltransferase mutant of Mannheimia haemolytica displaying a veterinary pathogen specific conserved LPS structure; development and functionality of antibodies to this LPS structure. Veterinary Microbiology, 2006, 116, 175-186.	1.9	14
79	A unique glycosyltransferase involved in the initial assembly of Moraxella catarrhalis lipooligosaccharides. Glycobiology, 2008, 18, 447-455.	2.5	14
80	Investigating the candidacy of LPS-based glycoconjugates to prevent invasive meningococcal disease: chemical strategies to prepare glycoconjugates with good carbohydrate loading. Glycoconjugate Journal, 2010, 27, 401-417.	2.7	14
81	Genetics and molecular specificity of sialylation of Histophilus somni lipooligosaccharide (LOS) and the effect of LOS sialylation on Toll-like receptor-4 signaling. Veterinary Microbiology, 2011, 153, 163-172.	1.9	14
82	Attenuated virulence of min operon mutants of Neisseria gonorrhoeae and their interactions with human urethral epithelial cells. Microbes and Infection, 2011, 13, 545-554.	1.9	14
83	Characterization of Two Novel Lipopolysaccharide Phosphoethanolamine Transferases in Pasteurella multocida and Their Role in Resistance to Cathelicidin-2. Infection and Immunity, 2017, 85, .	2.2	14
84	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
85	Elucidation of the Monoclonal Antibody 5G8-Reactive, Virulence-Associated Lipopolysaccharide Epitope of Haemophilus influenzae and Its Role in Bacterial Resistance to Complement-Mediated Killing. Infection and Immunity, 2005, 73, 2213-2221.	2.2	13
86	Structural characterization of Haemophilus parainfluenzae lipooligosaccharide and elucidation of its role in adherence using an outer core mutant. Canadian Journal of Microbiology, 2008, 54, 906-917.	1.7	13
87	Use of Moraxella catarrhalis Lipooligosaccharide Mutants To Identify Specific Oligosaccharide Epitopes Recognized by Human Serum Antibodies. Infection and Immunity, 2009, 77, 4548-4558.	2.2	13
88	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
89	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
90	Structure of the O-specific polymer for Pseudomonas cepacia serogroup O7. Carbohydrate Research, 1990, 198, 153-156.	2.3	12

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91	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
92	Structural analysis of the lipooligosaccharide from the commensal Haemophilus somnus genome strain 129Pt. Carbohydrate Research, 2004, 339, 529-535.	2.3	11
93	Structural characterization of sialylated glycoforms ofH. influenzae by electrospray mass spectrometry: fragmentation of protonated and sodiatedO-deacylated lipopolysaccharides. Rapid Communications in Mass Spectrometry, 2007, 21, 952-960.	1.5	11
94	Investigating the candidacy of lipopolysaccharide-based glycoconjugates as vaccines to combat Mannheimia haemolytica. Glycoconjugate Journal, 2011, 28, 397-410.	2.7	11
95	Structure of the LPS O-chain from Fusobacterium nucleatum strain 12230. Carbohydrate Research, 2017, 448, 115-117.	2.3	11
96	Structure of the LPS O-chain from Fusobacterium nucleatum strain MJR 7757â€¯B. Carbohydrate Research, 2018, 463, 37-39.	2.3	11
97	Structural analysis of the lipooligosaccharide from the commensal Haemophilussomnus strain 1P. Carbohydrate Research, 2003, 338, 1223-1228.	2.3	10
98	Investigating the candidacy of LPS-based glycoconjugates to prevent invasive meningococcal disease: immunology of glycoconjugates with high carbohydrate loading. Glycoconjugate Journal, 2010, 27, 643-648.	2.7	10
99	Functional Characterization of Lpt3 and Lpt6, the Inner-Core Lipooligosaccharide Phosphoethanolamine Transferases from <i>Neisseria meningitidis</i>. Journal of Bacteriology, 2010, 192, 208-216.	2.2	10
100	Naturally Acquired Antibodies againstHaemophilus influenzaeType a in Aboriginal Adults, Canada. Emerging Infectious Diseases, 2015, 21, 273-279.	4.3	10
101	Natural Selection in the Chicken Host Identifies 3-Deoxy- <scp>d</scp> - <i>manno</i> - Octulosonic Acid Kinase Residues Essential for Phosphorylation of <i>Pasteurella multocida</i> Lipopolysaccharide. Infection and Immunity, 2010, 78, 3669-3677.	2.2	9
102	Alternate synthesis to d -glycero-Î²- d -manno-heptose 1,7-biphosphate. Carbohydrate Research, 2017, 450, 38-43.	2.3	9
103	Structure and Functional Genomics of Lipopolysaccharide Expression inHaemophilus Influenzae. Advances in Experimental Medicine and Biology, 2001, 491, 515-524.	1.6	9
104	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
105	Characterisation of a tetrasaccharide released on mild acid hydrolysis of LPS from two rough strains of Shewanella species representing different DNA homology groups. Carbohydrate Research, 2004, 339, 1185-1188.	2.3	7
106	Isolation of an Atypical Strain of Actinobacillus pleuropneumoniae Serotype 1 with a Truncated Lipopolysaccharide Outer Core and No O-Antigen. Journal of Clinical Microbiology, 2005, 43, 3522-3525.	3.9	7
107	Naturally occurring bactericidal antibodies specific for Haemophilus influenzae Lipooligosaccharide are present in healthy adult individuals. Vaccine, 2015, 33, 1941-1947.	3.8	7
108	Development and Characterization of Mouse Monoclonal Antibodies Specific for <i>Clostridiodes (Clostridium) difficile</i> Lipoteichoic Acid. ACS Chemical Biology, 2020, 15, 1050-1058.	3.4	7

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109	Structural analysis of the lipooligosaccharide-derived oligosaccharide of Histophilus somni (Haemophilus somnus) strain 8025. Carbohydrate Research, 2006, 341, 281-284.	2.3	6
110	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
111	Identification of N-acylethanolamines in Dictyostelium discoideum and confirmation of their hydrolysis by fatty acid amide hydrolase. Journal of Lipid Research, 2013, 54, 457-466.	4.2	6
112	Mitigating base-catalysed degradation of periodate-oxidized capsular polysaccharides: Conjugation by reductive amination in acidic media. Vaccine, 2019, 37, 1087-1093.	3.8	6
113	Comparison of polysaccharide glycoconjugates as candidate vaccines to combat Clostridiodes (Clostridium) difficile. Glycoconjugate Journal, 2021, 38, 493-508.	2.7	6
114	The capsular polysaccharides of Pasteurella multocida serotypes B and E: Structural, genetic and serological comparisons. Glycobiology, 2021, 31, 307-314.	2.5	5
115	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
116	Characterization of natural bactericidal antibody against Haemophilus influenzae type a in Canadian First Nations: A Canadian Immunization Research Network (CIRN) Clinical Trials Network (CTN) study. PLoS ONE, 2018, 13, e0201282.	2.5	4
117	Cross-reactivity of Haemophilus influenzae type a and b polysaccharides: molecular modeling and conjugate immunogenicity studies. Glycoconjugate Journal, 2021, 38, 735-746.	2.7	4
118	Synthesis and Immunogenicity of a Methyl Rhamnan Pentasaccharide Conjugate from <i>Pseudomonas aeruginosa</i> A-Band Polysaccharide. ACS Infectious Diseases, 2022, 8, 1347-1355.	3.8	4
119	First characterization of immunogenic conjugates of Vi negative Salmonella Typhi O-specific polysaccharides with rEPA protein for vaccine development. Journal of Immunological Methods, 2017, 450, 27-33.	1.4	3
120	Removal of cell wall polysaccharide in pneumococcal capsular polysaccharides by selective degradation via deamination. Carbohydrate Polymers, 2019, 218, 199-207.	10.2	3
121	<scp>d</scp>-<i>Glycero</i>-Î²-<scp>d</scp>-<i>manno</i>heptose Phosphate 7-<i>O</i>-Modifications. Journal of Organic Chemistry, 2021, 86, 2184-2199.	3.2	3
122	Structural Characterization and Evaluation of an Epitope at the Tip of the A-Band Rhamnan Polysaccharide of <i>Pseudomonas aeruginosa</i>. ACS Infectious Diseases, 2022, 8, 1336-1346.	3.8	3
123	Identification and recombinant expression of anandamide hydrolyzing enzyme from Dictyostelium discoideum. BMC Microbiology, 2012, 12, 124.	3.3	2
124	Structural analysis of the lipopolysaccharide O-antigen from Fusobacterium nucleatum strain CC 7/3 JVN3 C1 and development of a mouse monoclonal antibody specific to the O-antigen. Canadian Journal of Microbiology, 2020, 66, 529-534.	1.7	1
125	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
126	Structural analysis of the core oligosaccharides from Fusobacterium nucleatum lipopolysaccharides. Carbohydrate Research, 2021, 499, 108198.	2.3	0