

Christopher Jones

List of Publications by Year in descending order

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88
papers

3,270
citations

159585

30
h-index

161849

54
g-index

90
all docs

90
docs citations

90
times ranked

3271
citing authors

#	ARTICLE	IF	CITATIONS
1	Circular dichroism of biopharmaceutical proteins in a quality-regulated environment. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2022, 219, 114945.	2.8	4
2	Wavelength Calibration Uncertainty in Protein Circular Dichroism Data Bank Spectra. <i>Applied Spectroscopy</i> , 2021, 75, 1207-1211.	2.2	6
3	Impact of Imperfect Data on the Performance of Algorithms to Compare Near-Ultraviolet Circular Dichroism Spectra. <i>Applied Spectroscopy</i> , 2021, 75, 000370282199237.	2.2	6
4	Glycoconjugate vaccine batch consistency assessed by objective comparison of circular dichroism spectra. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 191, 113571.	2.8	5
5	Spectroscopic characterisation of a series of Salmonella Typhi Vi-diphtheria toxoid glycoconjugate antigens differing in polysaccharide-protein ratio. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2020, 181, 113100.	2.8	7
6	Chemistry Manufacturing, Control, and Licensure for Carbohydrate-Based Vaccines. <i>ACS Symposium Series</i> , 2018, , 273-321.	0.5	0
7	Structural and immunological characterization of <i>E. coli</i> derived recombinant CRM197 protein used as carrier in conjugate vaccines. <i>Bioscience Reports</i> , 2018, 38, .	2.4	23
8	Pneumococcal Capsules and Their Types: Past, Present, and Future. <i>Clinical Microbiology Reviews</i> , 2015, 28, 871-899.	13.6	557
9	Glycoconjugate Vaccines: The Regulatory Framework. <i>Methods in Molecular Biology</i> , 2015, 1331, 229-251.	0.9	5
10	Purification of O-specific polysaccharide from lipopolysaccharide produced by Salmonella enterica serovar Paratyphi A. <i>Vaccine</i> , 2014, 32, 2457-2462.	3.8	14
11	Addition of β -O-GlcNAc to threonine residues define the post-translational modification of mucin-like molecules in <i>Trypanosoma cruzi</i> . <i>Glycoconjugate Journal</i> , 2013, 30, 659-666.	2.7	31
12	Working Group on quality, safety and efficacy of typhoid Vi capsular polysaccharide conjugate, vaccines, Jeju, Republic of Korea, 5-7 September 2012. <i>Vaccine</i> , 2013, 31, 4466-4469.	3.8	11
13	<i>Streptococcus pneumoniae</i> Serotype 11D Has a Bispecific Glycosyltransferase and Expresses Two Different Capsular Polysaccharide Repeating Units. <i>Journal of Biological Chemistry</i> , 2013, 288, 21945-21954.	3.4	34
14	A novel method for purification of Vi capsular polysaccharide produced by Salmonella enterica subspecies enterica serovar Typhi. <i>Vaccine</i> , 2013, 31, 4714-4719.	3.8	14
15	Characterization of size, structure and purity of serogroup X <i>Neisseria meningitidis</i> polysaccharide, and development of an assay for quantification of human antibodies. <i>Vaccine</i> , 2012, 30, 5812-5823.	3.8	28
16	Quality control and analytical techniques for biopharmaceuticals. <i>Bioanalysis</i> , 2011, 3, 81-95.	1.5	22
17	Proteomic analysis of rat plasma following transient focal cerebral ischemia. <i>Biomarkers in Medicine</i> , 2011, 5, 837-846.	1.4	17
18	International comparability in spectroscopic measurements of protein structure by circular dichroism: CCQM-P59. <i>Metrologia</i> , 2010, 47, 08022-08022.	1.2	6

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19	Structural elucidation of the repeat unit in highly branched acidic exopolysaccharides produced by nitrogen fixing Burkholderia. <i>Glycobiology</i> , 2010, 20, 338-347.	2.5	34
20	International comparability in spectroscopic measurements of protein structure by circular dichroism: CCQM-P59.1. <i>Metrologia</i> , 2010, 47, 631-641.	1.2	15
21	Bioanalysis of meningococcal vaccines. <i>Bioanalysis</i> , 2010, 2, 343-361.	1.5	12
22	Î±-N-acetylglucosamine-linked O-glycans of sialoglycoproteins (Tc-mucins) from <i>Trypanosoma cruzi</i> Colombiana strain. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2009, 104, 270-274.	1.6	17
23	Physicochemical and biological assays for quality control of biopharmaceuticals: Interferon alfa-2 case study. <i>Biologicals</i> , 2008, 36, 383-392.	1.4	28
24	The Regulatory Framework for Glycoconjugate Vaccines. <i>ACS Symposium Series</i> , 2008, , 21-35.	0.5	2
25	Identification and quantification of N-linked oligosaccharides released from glycoproteins: An inter-laboratory study. <i>Glycobiology</i> , 2008, 19, 201-211.	2.5	38
26	Characterization of the key antigenic components and pre-clinical immune responses to a meningococcal disease vaccine based on <i>Neisseria lactamica</i> outer membrane vesicles. <i>Hum Vaccin</i> , 2008, 4, 23-30.	2.4	29
27	Proteomics analysis of cellular components in lentiviral vector production using Gel-LC-MS/MS. <i>Proteomics - Clinical Applications</i> , 2007, 1, 224-230.	1.6	10
28	Proteomic analysis of a meningococcal outer membrane vesicle vaccine prepared from the group B strain NZ98/254. <i>Proteomics</i> , 2006, 6, 3400-3413.	2.2	102
29	Full assignment of the 1H and 13C spectra and revision of the O-acetylation site of the capsular polysaccharide of <i>Streptococcus pneumoniae</i> Type 33F, a component of the current pneumococcal polysaccharide vaccine. <i>Carbohydrate Research</i> , 2006, 341, 68-74.	2.3	21
30	NMR assays for carbohydrate-based vaccines. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 38, 840-850.	2.8	52
31	Full NMR assignment and revised structure for the capsular polysaccharide from <i>Streptococcus pneumoniae</i> type 15B. <i>Carbohydrate Research</i> , 2005, 340, 403-409.	2.3	35
32	Revised structures for the capsular polysaccharides from <i>Staphylococcus aureus</i> Types 5 and 8, components of novel glycoconjugate vaccines. <i>Carbohydrate Research</i> , 2005, 340, 1097-1106.	2.3	84
33	Vaccines based on the cell surface carbohydrates of pathogenic bacteria. <i>Anais Da Academia Brasileira De Ciencias</i> , 2005, 77, 293-324.	0.8	160
34	Characterisation of the Protein Content of a Meningococcal Outer Membrane Vesicle Vaccine by Polyacrylamide Gel Electrophoresis and Mass Spectrometry. <i>Hum Vaccin</i> , 2005, 1, 80-84.	2.4	39
35	Control and lot release of meningococcal group C conjugate vaccines. <i>Expert Review of Vaccines</i> , 2004, 3, 533-540.	4.4	14
36	Nitrogen-fixing bacterium <i>Burkholderia brasiliensis</i> produces a novel yersinirose A-containing O-polysaccharide. <i>Glycobiology</i> , 2004, 15, 313-321.	2.5	24

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37	Detection of O-acetylated Vi polysaccharide of <i>Salmonella enterica</i> subspecies typhi by Enzyme Immunoassay. <i>Biologicals</i> , 2004, 32, 11-16.	1.4	7
38	Heterogeneity in the Biosynthesis of Mucin O-Glycans from <i>Trypanosoma cruzi</i> Tulahuén Strain with the Expression of Novel Galactofuranosyl-Containing Oligosaccharides. <i>Biochemistry</i> , 2004, 43, 11889-11897.	2.5	52
39	A novel sialylated and galactofuranose-containing O-linked glycan, Neu5Ac α 2 β 3Galp β 1 α 6(Galp β 1 α 4)GlcNAc, is expressed on the sialoglycoprotein of <i>Trypanosoma cruzi</i> Dm28c. <i>Molecular and Biochemical Parasitology</i> , 2003, 126, 93-96.	1.1	36
40	Structural analysis of the <i>Lactobacillus rhamnosus</i> strain KL37C exopolysaccharide. <i>Carbohydrate Research</i> , 2003, 338, 605-609.	2.3	26
41	Glycoinositolphospholipid from <i>Trypanosoma cruzi</i> : Structure, Biosynthesis and Immunobiology. <i>Advances in Parasitology</i> , 2003, 56, 1-41.	3.2	66
42	Molecular analysis of a novel family of complex glycoinositolphosphoryl ceramides from <i>Cryptococcus neoformans</i> : structural differences between encapsulated and acapsular yeast forms. <i>Glycobiology</i> , 2002, 12, 409-420.	2.5	43
43	Immunogenicity in a Mouse Model of a Conjugate Vaccine Made with a Synthetic Single Repeating Unit of Type 14 Pneumococcal Polysaccharide Coupled to CRM197. <i>Infection and Immunity</i> , 2002, 70, 5107-5114.	2.2	82
44	Synthesis of phosphorylated fragments of <i>Streptococcus pneumoniae</i> type 19F capsular polysaccharide. <i>Journal of the Chemical Society, Perkin Transactions 1</i> , 2002, , 2174-2181.	1.3	10
45	Detection of residual pertussis toxin in vaccines using a modified ribosylation assay. <i>Vaccine</i> , 2002, 21, 44-52.	3.8	27
46	Use and validation of NMR assays for the identity and O-acetyl content of capsular polysaccharides from <i>Neisseria meningitidis</i> used in vaccine manufacture. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002, 30, 1233-1247.	2.8	69
47	Confirmation of the d configuration of the 2-substituted arabinitol 1-phosphate residue in the capsular polysaccharide from <i>Streptococcus pneumoniae</i> Type 17F. <i>Carbohydrate Research</i> , 2002, 337, 2353-2358.	2.3	7
48	Structure of an acidic exopolysaccharide produced by the diazotrophic endophytic bacterium <i>Burkholderia brasiliensis</i> . <i>FEBS Journal</i> , 2001, 268, 3174-3179.	0.2	30
49	Characterization of novel structures of mannosylinositolphosphorylceramides from the yeast forms of <i>Sporothrix schenckii</i> . <i>FEBS Journal</i> , 2001, 268, 4243-4250.	0.2	31
50	Structure of O-glycosidically linked oligosaccharides from glycoproteins of <i>Trypanosoma cruzi</i> CL-Brener strain: evidence for the presence of O-linked sialyl-oligosaccharides. <i>Glycobiology</i> , 2001, 11, 47-55.	2.5	43
51	NMR assignments for glucosylated and galactosylated N-acetylhexosaminitols: oligosaccharide alditols related to O-linked glycans from the protozoan parasite <i>Trypanosoma cruzi</i> . <i>Carbohydrate Research</i> , 2000, 328, 321-330.	2.3	7
52	Full assignment of the proton and carbon NMR spectra and revised structure for the capsular polysaccharide from <i>Streptococcus pneumoniae</i> Type 17F. <i>Carbohydrate Research</i> , 2000, 325, 192-201.	2.3	20
53	Structure of the sialic acid-containing O-specific polysaccharide from <i>Salmonella enterica</i> serovar Touca O48 lipopolysaccharide. <i>FEBS Journal</i> , 2000, 267, 3160-3167.	0.2	26
54	The structure of a complex glycosylphosphatidyl inositol-anchored glucoxylin from the kinetoplastid protozoan <i>Leptomonas samueli</i> . <i>FEBS Journal</i> , 2000, 267, 5387-5396.	0.2	5

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55	Use and Validation of an NMR Test for the Identity and O -acetyl content of the Salmonella typhi Vi Capsular Polysaccharide Vaccine. <i>Biologicals</i> , 2000, 28, 17-24.	1.4	31
56	An NMR Spectroscopic Identity Test for the Control of the Capsular Polysaccharide from Haemophilus influenzae Type b. <i>Biologicals</i> , 2000, 28, 175-183.	1.4	35
57	Physico-chemical Analysis of Bordetella pertussis Antigens. <i>Biologicals</i> , 1999, 27, 155-162.	1.4	12
58	Monoclonal antibodies with specificities for Streptococcus pneumoniae group 9 capsular polysaccharides. <i>FEMS Immunology and Medical Microbiology</i> , 1998, 20, 249-255.	2.7	6
59	Similarity of monosaccharide, oligosaccharide and polysaccharide structures in gum exudate of Anacardium occidentale. <i>Phytochemistry</i> , 1998, 47, 715-721.	2.9	57
60	Gum heteropolysaccharide and free reducing mono- and oligosaccharides of Anadenanthera colubrina. <i>Phytochemistry</i> , 1998, 47, 1207-1214.	2.9	64
61	Biosynthesis of O -N -Acetylglucosamine-linked Glycans in Trypanosoma cruzi. <i>Journal of Biological Chemistry</i> , 1998, 273, 14982-14988.	3.4	72
62	Glycoinositol phospholipids from Endotrypanum species express epitopes in common with saccharide side chains of the lipophosphoglycan from Leishmania major. <i>Biochemical Journal</i> , 1998, 329, 665-673.	3.7	17
63	Leishmania adleri, a lizard parasite, expresses structurally similar glycoinositol phospholipids to mammalian Leishmania. <i>Glycobiology</i> , 1997, 7, 687-695.	2.5	23
64	Structure of the repeating oligosaccharide from the lipopolysaccharide of the nitrogen-fixing bacterium Acetobacter diazotrophicus strain PAL 5. <i>Carbohydrate Research</i> , 1997, 298, 311-318.	2.3	7
65	Comparison of the Diphtheria Mutant Toxin, Crm197, with a Haemophilus Influenzae Type-b Polysaccharide-Crm197 Conjugate by Optical Spectroscopy. <i>FEBS Journal</i> , 1997, 246, 320-327.	0.2	30
66	Physicochemical and immunological studies on the stability of free and microsphere-encapsulated tetanus toxoid in vitro. <i>Vaccine</i> , 1996, 14, 1205-1213.	3.8	64
67	Full ¹ H NMR assignment and detailed O-acetylation patterns of capsular polysaccharides from Neisseria meningitidis used in vaccine production. <i>Carbohydrate Research</i> , 1996, 296, 83-96.	2.3	100
68	Structural variation in the glycoinositol phospholipids of different strains of Trypanosoma cruzi. <i>Glycoconjugate Journal</i> , 1996, 13, 955-966.	2.7	68
69	Full assignment of the NMR spectrum of the capsular polysaccharide from Streptococcus pneumoniae serotype 10A. <i>Carbohydrate Research</i> , 1995, 269, 175-181.	2.3	21
70	Chemical characterisation of glycosylinositol phospholipids of Herpetomonas samuelpessoai. <i>Molecular and Biochemical Parasitology</i> , 1995, 69, 81-92.	1.1	25
71	Structural Characterization of the Major Glycosylphosphatidylinositol Membrane-anchored Glycoprotein from Epimastigote Forms of Trypanosoma cruzi Y-strain. <i>Journal of Biological Chemistry</i> , 1995, 270, 7241-7250.	3.4	141
72	Structural analysis of novel rhamnose-branched oligosaccharides from the glycoposphosphingolipids of Leptomonas samueli. <i>Glycoconjugate Journal</i> , 1994, 11, 23-33.	2.7	12

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73	Molecular recognition of antigenic polysaccharides: a conformational comparison of capsules from <i>Streptococcus pneumoniae</i> serogroup 9. <i>Carbohydrate Research</i> , 1994, 265, 97-111.	2.3	12
74	NMR assignment and conformational analysis of the antigenic capsular polysaccharide from <i>Streptococcus pneumoniae</i> type 9N in aqueous solution. <i>Carbohydrate Research</i> , 1994, 265, 79-96.	2.3	11
75	Structure determination of phosphoinositol oligosaccharides from parasitic protozoa using fast atom bombardment mass spectrometry. <i>Organic Mass Spectrometry</i> , 1994, 29, 767-781.	1.3	6
76	The effect of variation of substitution on the solution conformation of heparin: a spectroscopic and molecular modelling study. <i>Carbohydrate Research</i> , 1994, 255, 1-26.	2.3	88
77	Applications of Nuclear Magnetic Resonance, Circular Dichroism and Fluorescence Spectroscopy to the Characterization of Biological Products. <i>Biologicals</i> , 1993, 21, 119-124.	1.4	2
78	The Application of Nuclear Magnetic Resonance to Structural Studies of Polysaccharides. , 1993, 17, 149-168.		4
79	Structural characterization of a novel class of glycosphosphingolipids from the protozoan <i>Leptomonas samueli</i> . <i>Journal of Biological Chemistry</i> , 1992, 267, 24279-86.	3.4	29
80	N.m.r. and conformational analysis of the capsular polysaccharide from <i>Streptococcus pneumoniae</i> type 4. <i>Carbohydrate Research</i> , 1991, 221, 95-121.	2.3	44
81	Location and quantitation of the sites of O-acetylation on the capsular polysaccharide from <i>Streptococcus pneumoniae</i> type 9V by ¹ H-n.m.r. spectroscopy: comparison with type 9A. <i>Carbohydrate Research</i> , 1991, 218, 175-184.	2.3	29
82	A novel method for the determination of the stereochemistry of pyruvate acetal substituents applied to the capsular polysaccharide from <i>Streptococcus pneumoniae</i> Type 4. <i>Carbohydrate Research</i> , 1990, 198, 353-357.	2.3	19
83	NOEMOL: integrated molecular graphics and the simulation of Nuclear Overhauser effects in NMR spectroscopy. <i>Journal of Molecular Graphics</i> , 1989, 7, 196-201.	1.1	27
84	The pneumococcal polysaccharide S4: A structural re-assessment. <i>Carbohydrate Research</i> , 1988, 184, 279-284.	2.3	21
85	Structure of the capsular polysaccharide from <i>Streptococcus pneumoniae</i> type 9. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1985, , 1665.	0.9	24
86	Mechanism and stereochemistry of the porphobilinogen deaminase and protoporphyrinogen IX oxidase reactions: stereospecific manipulation of hydrogen atoms at the four methylene bridges during the biosynthesis of haem. <i>Journal of the Chemical Society Perkin Transactions 1</i> , 1984, , 2625.	0.9	24
87	Biosynthesis of vitamin B12: isolation of 15,23-dihydrosirohydrochlorin, a biosynthetic intermediate: structural studies and incorporation experiments. <i>Journal of the Chemical Society Chemical Communications</i> , 1982, , 455.	2.0	29
88	Stereospecificity of hydrogen removal from the four methylene bridges in haem biosynthesis: specific incorporation of the 11 pro-S hydrogen of porphobilinogen into haem. <i>Journal of the Chemical Society Chemical Communications</i> , 1979, , 96.	2.0	6