

Michel Gilbert

List of Publications by Year in descending order

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57758

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times ranked

4400
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#	ARTICLE	IF	CITATIONS
1	The Genetic Bases for the Variation in the Lipo-oligosaccharide of the Mucosal Pathogen, <i>Campylobacter jejuni</i> . <i>Journal of Biological Chemistry</i> , 2002, 277, 327-337.	3.4	254
2	Biosynthesis of Ganglioside Mimics in <i>Campylobacter jejuni</i> OH4384. <i>Journal of Biological Chemistry</i> , 2000, 275, 3896-3906.	3.4	244
3	Phase variation of a β -1,3 galactosyltransferase involved in generation of the ganglioside GM1-like lipo-oligosaccharide of <i>Campylobacter jejuni</i> . <i>Molecular Microbiology</i> , 2002, 37, 501-514.	2.5	206
4	Structural analysis of the sialyltransferase CstII from <i>Campylobacter jejuni</i> in complex with a substrate analog. <i>Nature Structural and Molecular Biology</i> , 2004, 11, 163-170.	8.2	196
5	A new fermentation process allows large-scale production of human milk oligosaccharides by metabolically engineered bacteria. <i>Glycobiology</i> , 2002, 12, 235-240.	2.5	187
6	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.	3.4	180
7	The crucial role of <i>Campylobacter jejuni</i> genes in anti-ganglioside antibody induction in Guillain-Barré syndrome. <i>Journal of Clinical Investigation</i> , 2004, 114, 1659-1665.	8.2	172
8	Analysis of <i>Campylobacter jejuni</i> capsular loci reveals multiple mechanisms for the generation of structural diversity and the ability to form complex heptoses. <i>Molecular Microbiology</i> , 2004, 55, 90-103.	2.5	162
9	Cloning of the Lipooligosaccharide β -2,3-Sialyltransferase from the Bacterial Pathogens <i>Neisseria meningitidis</i> and <i>Neisseria gonorrhoeae</i> . <i>Journal of Biological Chemistry</i> , 1996, 271, 28271-28276.	3.4	159
10	Structural Characterization of <i>Campylobacter jejuni</i> Lipooligosaccharide Outer Cores Associated with Guillain-Barrel and Miller Fisher Syndromes. <i>Infection and Immunity</i> , 2007, 75, 1245-1254.	2.2	130
11	The synthesis of sialylated oligosaccharides using a CMP-Neu5Ac synthetase/sialyltransferase fusion. <i>Nature Biotechnology</i> , 1998, 16, 769-772.	17.5	123
12	Identification of a lipopolysaccharide α -2,3-sialyltransferase from <i>Haemophilus influenzae</i> . <i>Molecular Microbiology</i> , 2001, 39, 341-351.	2.5	121
13	Comparison of <i>Campylobacter jejuni</i> Lipooligosaccharide Biosynthesis Loci from a Variety of Sources. <i>Journal of Clinical Microbiology</i> , 2005, 43, 2771-2781.	3.9	119
14	Comprehensive Analysis of Bacterial Risk Factors for the Development of Guillain-Barré Syndrome after <i>Campylobacter jejuni</i> Enteritis. <i>Journal of Infectious Diseases</i> , 2006, 193, 547-555.	4.0	117
15	The crucial role of <i>Campylobacter jejuni</i> genes in anti-ganglioside antibody induction in Guillain-Barré syndrome. <i>Journal of Clinical Investigation</i> , 2004, 114, 1659-1665.	8.2	111
16	The Sialylated Lipooligosaccharide Outer Core in <i>Campylobacter jejuni</i> Is an Important Determinant for Epithelial Cell Invasion. <i>Infection and Immunity</i> , 2008, 76, 4431-4438.	2.2	103
17	Strong Inhibition of Cholera Toxin by Multivalent GM1 Derivatives. <i>ChemBioChem</i> , 2007, 8, 1500-1503.	2.6	101
18	Production and Secretion of Proteins by Streptomycetes. <i>Critical Reviews in Biotechnology</i> , 1995, 15, 13-39.	9.0	97

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19	Chemoenzymatic synthesis of 2-azidoethyl-ganglio-oligosaccharides GD3, GT3, GM2, GD2, GT2, GM1, and GD1a. Carbohydrate Research, 2005, 340, 1963-1972.	2.3	95
20	Effects of Sequential <i>Campylobacter jejuni</i> Lipooligosaccharide Core Truncations on Biofilm Formation, Stress Survival, and Pathogenesis. Journal of Bacteriology, 2010, 192, 2182-2192.	2.2	94
21	Structural Analysis of the α -2,3-Sialyltransferase Cst-I from <i>Campylobacter jejuni</i> in Apo and Substrate-Analogue Bound Forms. Biochemistry, 2007, 46, 7196-7204.	2.5	90
22	Recognition of Sialylated Poly-N-acetylglucosamine Chains on N- and O-linked Glycans by Human and Avian Influenza A Virus Hemagglutinins. Angewandte Chemie - International Edition, 2012, 51, 4860-4863.	13.8	88
23	Characterization of the Specific Interaction between Sialoadhesin and Sialylated <i>Campylobacter jejuni</i> Lipooligosaccharides. Infection and Immunity, 2010, 78, 3237-3246.	2.2	85
24	Characterization of Lipooligosaccharide-Biosynthetic Loci of <i>Campylobacter jejuni</i> Reveals New Lipooligosaccharide Classes: Evidence of Mosaic Organizations. Journal of Bacteriology, 2008, 190, 5681-5689.	2.2	82
25	A <i>Campylobacter jejuni</i> gene associated with immune-mediated neuropathy. Nature Medicine, 2001, 7, 752-753.	30.7	81
26	Structures of Merkel Cell Polyomavirus VP1 Complexes Define a Sialic Acid Binding Site Required for Infection. PLoS Pathogens, 2012, 8, e1002738.	4.7	79
27	Large-Scale In Vivo Synthesis of the Carbohydrate Moieties of Gangliosides GM1 and GM2 by Metabolically Engineered <i>Escherichia coli</i> . ChemBioChem, 2003, 4, 406-412.	2.6	75
28	Recognition of protein-linked glycans as a determinant of peptidase activity. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E679-E688.	7.1	70
29	Characterization of a Recombinant <i>Neisseria meningitidis</i> α -2,3-Sialyltransferase and its Acceptor Specificity. FEBS Journal, 1997, 249, 187-194.	0.2	69
30	Structural and Mechanistic Analysis of Sialic Acid Synthase NeuB from <i>Neisseria meningitidis</i> in Complex with Mn ²⁺ , Phosphoenolpyruvate, and N-Acetylmannosaminol. Journal of Biological Chemistry, 2005, 280, 3555-3563.	3.4	64
31	Structure of an α -2,6-sialylated lipooligosaccharide from <i>Neisseria meningitidis</i> immunotype L1. FEBS Journal, 1998, 254, 626-633.	0.2	62
32	A direct NMR method for the measurement of competitive kinetic isotope effects. Nature Chemical Biology, 2010, 6, 405-407.	8.0	60
33	The Influence of Ligand Valency on Aggregation Mechanisms for Inhibiting Bacterial Toxins. ChemBioChem, 2009, 10, 329-337.	2.6	59
34	Fluorescence Activated Cell Sorting as a General Ultra-High-Throughput Screening Method for Directed Evolution of Glycosyltransferases. Journal of the American Chemical Society, 2010, 132, 10570-10577.	13.7	58
35	Guillain-Barré Syndrome-Related <i>Campylobacter jejuni</i> in Bangladesh: Ganglioside Mimicry and Cross-Reactive Antibodies. PLoS ONE, 2012, 7, e43976.	2.5	58
36	Structure of a Sialic Acid-activating Synthetase, CMP-acylneuramate Synthetase in the Presence and Absence of CDP. Journal of Biological Chemistry, 2001, 276, 8190-8196.	3.4	55

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37	Identification of a Bifunctional Lipopolysaccharide Sialyltransferase in <i>Haemophilus influenzae</i> . <i>Journal of Biological Chemistry</i> , 2006, 281, 40024-40032.	3.4	53
38	Bioengineering of Surface GD3 Ganglioside for Immunotargeting Human Melanoma Cells. <i>Journal of Biological Chemistry</i> , 2004, 279, 25390-25399.	3.4	51
39	Single-Domain Antibody-Nanoparticles: Promising Architectures for Increased <i>Staphylococcus aureus</i> Detection Specificity and Sensitivity. <i>Bioconjugate Chemistry</i> , 2009, 20, 1966-1974.	3.6	50
40	Picomolar inhibition of cholera toxin by a pentavalent ganglioside GM1os-calix[5]arene. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 4340-4349.	2.8	50
41	Lipooligosaccharide of <i>Campylobacter jejuni</i> . <i>Journal of Biological Chemistry</i> , 2011, 286, 12361-12370.	3.4	49
42	<i>Helicobacter pylori</i> β 1,3-N-acetylglucosaminyltransferase for versatile synthesis of type 1 and type 2 poly-LacNAcs on N-linked, O-linked and I-antigen glycans. <i>Glycobiology</i> , 2012, 22, 1453-1464.	2.5	49
43	Molecular Basis for Recognition of the Cancer Glycobiomarker, LacdiNAc (GalNAc[β 1 \rightarrow 4]GlcNAc), by <i>Wisteria floribunda</i> Agglutinin. <i>Journal of Biological Chemistry</i> , 2016, 291, 24085-24095.	3.4	49
44	A <i>Haemophilus influenzae</i> Strain Associated with Fisher Syndrome Expresses a Novel Disialylated Ganglioside Mimic. <i>Biochemistry</i> , 2007, 46, 8164-8171.	2.5	45
45	Dependence of the Bi-functional Nature of a Sialyltransferase from <i>Neisseria meningitidis</i> on a Single Amino Acid Substitution. <i>Journal of Biological Chemistry</i> , 2001, 276, 12785-12790.	3.4	44
46	High-level expression of recombinant <i>Neisseria</i> CMP-sialic acid synthetase in <i>Escherichia coli</i> . <i>Protein Expression and Purification</i> , 2002, 25, 237-240.	1.3	44
47	Identification of a Sialate O-Acetyltransferase from <i>Campylobacter jejuni</i> . <i>Journal of Biological Chemistry</i> , 2006, 281, 11480-11486.	3.4	44
48	Variants of the β 1,3-Galactosyltransferase CgtB from the Bacterium <i>Campylobacter jejuni</i> have Distinct Acceptor Specificities. <i>Glycobiology</i> , 2007, 17, 1333-1343.	2.5	42
49	Mass Spectrometric Analysis of Intact Lipooligosaccharide: Direct Evidence for O-Acetylated Sialic Acids and Discovery of O-Linked Glycine Expressed by <i>Campylobacter jejuni</i> . <i>Biochemistry</i> , 2007, 46, 14704-14714.	2.5	42
50	Spectrum of neurological diseases associated with antibodies to minor gangliosides GM1b and GalNAc-GD1a. <i>Journal of Neuroimmunology</i> , 2006, 177, 201-208.	2.3	41
51	Characterization of the β 2,8-polysialyltransferase from <i>Neisseria meningitidis</i> with synthetic acceptors, and the development of a self-priming polysialyltransferase fusion enzyme. <i>Glycobiology</i> , 2007, 18, 177-186.	2.5	41
52	Polymer-supported and chemoenzymatic synthesis of the <i>Neisseria meningitidis</i> pentasaccharide: a methodological comparison. <i>Carbohydrate Research</i> , 2000, 328, 3-16.	2.3	39
53	Origin of ganglioside complex antibodies in Guillain-Barré syndrome. <i>Journal of Neuroimmunology</i> , 2007, 188, 69-73.	2.3	39
54	GQ1b-seronegative Fisher syndrome: clinical features and new serological markers. <i>Journal of Neurology</i> , 2012, 259, 1366-1374.	3.6	38

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55	Evidence for Acquisition of the Lipooligosaccharide Biosynthesis Locus in <i>Campylobacter jejuni</i> GB11, a Strain Isolated from a Patient with Guillain-Barre Syndrome, by Horizontal Exchange. <i>Infection and Immunity</i> , 2004, 72, 1162-1165.	2.2	37
56	Comparative genomic analysis of <i>Campylobacter jejuni</i> associated with Guillain-Barré and Miller Fisher syndromes: neuropathogenic and enteritis-associated isolates can share high levels of genomic similarity. <i>BMC Genomics</i> , 2007, 8, 359.	2.8	36
57	Crystallographic and Glycan Microarray Analysis of Human Polyomavirus 9 VP1 Identifies N-Glycolyl Neuraminic Acid as a Receptor Candidate. <i>Journal of Virology</i> , 2014, 88, 6100-6111.	3.4	36
58	GM3, GM2 and GM1 mimics designed for biosensing: chemoenzymatic synthesis, target affinities and 900MHz NMR analysis. <i>Carbohydrate Research</i> , 2008, 343, 636-650.	2.3	35
59	Glycosphingolipid synthesis employing a combination of recombinant glycosyltransferases and an endoglycoceramidase glycosynthase. <i>Chemical Communications</i> , 2011, 47, 10806.	4.1	35
60	Structural Analysis of the Capsular Polysaccharide from <i>Campylobacter jejuni</i> RM1221. <i>ChemBioChem</i> , 2007, 8, 625-631.	2.6	34
61	Simplifying Oligosaccharide Synthesis: Efficient Synthesis of Lactosamine and Sialylated Lactosamine Oligosaccharide Donors. <i>Journal of Organic Chemistry</i> , 2003, 68, 2426-2431.	3.2	33
62	Structural and enzymatic characterization of NanS (YjhS), a 9-O-acetyl-N-acetylneuraminic acid esterase from <i>Escherichia coli</i> O157:H7. <i>Protein Science</i> , 2011, 20, 1208-1219.	7.6	33
63	Ready Access to Sialylated Oligosaccharide Donors. <i>Organic Letters</i> , 2000, 2, 751-753.	4.6	31
64	Recognition Characteristics of Monoclonal Antibodies That Are Cross-Reactive with Gangliosides and Lipooligosaccharide from <i>Campylobacter jejuni</i> Strains Associated with Guillain-Barré and Fisher Syndromes. <i>Biochemistry</i> , 2007, 46, 36-44.	2.5	31
65	Chemoenzymatic Iterative Synthesis of Difficult Linkages of Oligosaccharides on Soluble Polymeric Supports. <i>Organic Letters</i> , 2001, 3, 3265-3268.	4.6	27
66	Chemoenzymatic Syntheses of Tumor-Associated Carbohydrate Antigen Globo-H and Stage-Specific Embryonic Antigen 4. <i>Advanced Synthesis and Catalysis</i> , 2008, 350, 1717-1728.	4.3	25
67	Complete chemoenzymatic synthesis of the Forssman antigen using novel glycosyltransferases identified in <i>Campylobacter jejuni</i> and <i>Pasteurella multocida</i> . <i>Glycobiology</i> , 2008, 19, 153-159.	2.5	24
68	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.	2.5	24
69	Sialyltransferase inhibitors: consideration of molecular shape and charge/hydrophobic interactions. <i>Carbohydrate Research</i> , 2013, 378, 45-55.	2.3	24
70	Sialyltransferases with enhanced legionaminic acid transferase activity for the preparation of analogs of sialoglycoconjugates. <i>Glycobiology</i> , 2015, 25, 767-773.	2.5	24
71	A Novel Synthetic Receptor-Based Immunoassay for Influenza Vaccine Quantification. <i>PLoS ONE</i> , 2013, 8, e55428.	2.5	22
72	Co-infection with two different <i>Campylobacter jejuni</i> strains in a patient with the Guillain-Barré syndrome. <i>Microbes and Infection</i> , 2006, 8, 248-253.	1.9	21

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73	Structure of a Sugar <i>N</i> -Formyltransferase from <i>Campylobacter jejuni</i> . <i>Biochemistry</i> , 2013, 52, 6114-6126.	2.5	21
74	A comparison of two xylanases from the thermophilic fungi <i>Thielavia terrestris</i> and <i>Thermoascus crustaceus</i> . <i>Applied Microbiology and Biotechnology</i> , 1993, 40, 508-14.	3.6	20
75	Vaccination with Tumor-Ganglioside Glycomimetics Activates a Selective Immunity that Affords Cancer Therapy. <i>Cell Chemical Biology</i> , 2019, 26, 1013-1026.e4.	5.2	20
76	Title is missing!. <i>Biotechnology Letters</i> , 1997, 19, 417-420.	2.2	19
77	<i>Campylobacter jejuni</i> Lipooligosaccharides: Structures and Biosynthesis. , 2014, , 483-504.		19
78	Complex of GM1- and GD1a-Like Lipo-Oligosaccharide Mimics GM1b, Inducing Anti-GM1b Antibodies. <i>PLoS ONE</i> , 2015, 10, e0124004.	2.5	19
79	Structural and Kinetic Characterizations of the Polysialic Acid O-Acetyltransferase OatWY from <i>Neisseria meningitidis</i> . <i>Journal of Biological Chemistry</i> , 2009, 284, 24501-24511.	3.4	18
80	The role of WlaRG, WlaTB and WlaTC in lipooligosaccharide synthesis by <i>Campylobacter jejuni</i> strain 81116. <i>Microbial Pathogenesis</i> , 2012, 52, 344-352.	2.9	18
81	High-level heterologous expression and secretion in <i>Streptomyces lividans</i> of two major antigenic proteins from <i>Mycobacterium tuberculosis</i> . <i>Canadian Journal of Microbiology</i> , 2002, 48, 43-48.	1.7	17
82	Electrophoresis-assisted open-tubular liquid chromatography/mass spectrometry for the analysis of lipooligosaccharide expressed by <i>Campylobacter jejuni</i> . <i>Electrophoresis</i> , 2005, 26, 3360-3368.	2.4	17
83	PCR-Restriction Fragment Length Polymorphism Analysis of <i>Campylobacter jejuni</i> Genes Involved in Lipooligosaccharide Biosynthesis Identifies Putative Molecular Markers for Guillain-Barrel Syndrome. <i>Journal of Clinical Microbiology</i> , 2007, 45, 2316-2320.	3.9	17
84	Can <i>Campylobacter coli</i> induce Guillain-Barré syndrome?. <i>European Journal of Clinical Microbiology and Infectious Diseases</i> , 2009, 28, 557-560.	2.9	17
85	Preparation of legionaminic acid analogs of sialo-glycoconjugates by means of mammalian sialyltransferases. <i>Glycoconjugate Journal</i> , 2015, 32, 729-734.	2.7	17
86	Association of Anti-GT1a Antibodies with an Outbreak of Guillain-Barré Syndrome and Analysis of Ganglioside Mimicry in an Associated <i>Campylobacter jejuni</i> Strain. <i>PLoS ONE</i> , 2015, 10, e0131730.	2.5	17
87	Rapid Method for Sensitive Screening of Oligosaccharide Epitopes in the Lipooligosaccharide from <i>Campylobacter jejuni</i> Strains Isolated from Guillain-Barrel Syndrome and Miller Fisher Syndrome Patients. <i>Journal of Clinical Microbiology</i> , 2008, 46, 3429-3436.	3.9	16
88	STD-NMR Used To Elucidate the Fine Binding Specificity of Pathogenic Anti-Ganglioside Antibodies Directly in Patient Serum. <i>Biochemistry</i> , 2009, 48, 220-222.	2.5	16
89	A Single N-Acetylgalactosamine Residue at Threonine 106 Modifies the Dynamics and Structure of Interferon β around the Glycosylation Site. <i>Journal of Biological Chemistry</i> , 2013, 288, 247-254.	3.4	16
90	Synthesis of a disialylated hexasaccharide of Type VIII Group B <i>Streptococcus capsular polysaccharide</i> . <i>Carbohydrate Research</i> , 1999, 319, 1-16.	2.3	15

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91	Purification and characterization of a xylanase from the thermophilic ascomycete <i>Thielavia terrestris</i> 255b. <i>Applied Biochemistry and Biotechnology</i> , 1992, 34-35, 247-259.	2.9	14
92	Characterization of the enzymes present in the cellulase system of <i>Thielavia terrestris</i> 255B. <i>Bioresource Technology</i> , 1992, 39, 147-153.	9.6	13
93	Biochemical Characterization of a Polysialyltransferase from <i>Mannheimia haemolytica</i> A2 and Comparison to Other Bacterial Polysialyltransferases. <i>PLoS ONE</i> , 2013, 8, e69888.	2.5	12
94	Bacterial Sugar 3,4-Ketoisomerases: Structural Insight into Product Stereochemistry. <i>Biochemistry</i> , 2015, 54, 4495-4506.	2.5	12
95	Structural investigation on <i>WlaRC</i> from <i>Campylobacter jejuni</i> : A sugar aminotransferase. <i>Protein Science</i> , 2017, 26, 586-599.	7.6	12
96	Biosynthesis of Legionaminic Acid and Its Incorporation Into Glycoconjugates. <i>Methods in Enzymology</i> , 2017, 597, 187-207.	1.0	12
97	Small-Molecule Ligands of GD2 Ganglioside, Designed from NMR Studies, Exhibit Induced-Fit Binding and Bioactivity. <i>Chemistry and Biology</i> , 2010, 17, 183-194.	6.0	11
98	Cloning of a <i>secA</i> homolog from <i>Streptomyces lividans</i> 1326 and overexpression in both <i>S. lividans</i> and <i>Escherichia coli</i> . <i>BBA - Proteins and Proteomics</i> , 1996, 1296, 9-12.	2.1	10
99	Enzymes required for the biosynthesis of N-formylated sugars. <i>Current Opinion in Structural Biology</i> , 2016, 41, 1-9.	5.7	10
100	Detection of antibodies in neuropathy patients by synthetic GM1 mimics. <i>Glycobiology</i> , 2011, 21, 1642-1650.	2.5	9
101	Neurostatin and other O-acetylated gangliosides show anti-neuroinflammatory activity involving the NF- κ B pathway. <i>Toxicology and Applied Pharmacology</i> , 2019, 377, 114627.	2.8	9
102	Assessment of fed-batch cultivation strategies for an inducible CHO cell line. <i>Journal of Biotechnology</i> , 2019, 298, 45-56.	3.8	9
103	In Vitro Production and Immunogenicity of a <i>Clostridium difficile</i> Spore-Specific BclA3 Glycopeptide Conjugate Vaccine. <i>Vaccines</i> , 2020, 8, 73.	4.4	9
104	Genetics behind the Biosynthesis of Nonulosonic Acid-Containing Lipooligosaccharides in <i>Campylobacter coli</i> . <i>Journal of Bacteriology</i> , 2019, 201, .	2.2	9
105	Cloning and sequencing of the <i>sec Y</i> homolog from <i>Streptomyces lividans</i> 1326. <i>Gene</i> , 1996, 176, 265-267.	2.2	8
106	Chemoenzymatic synthesis of biotin-appended analogues of gangliosides GM2, GM1, GD1a and GalNAc-GD1a for solid-phase applications and improved ELISA tests. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 5809.	2.8	8
107	Specific Synthesis of Neurostatin and Gangliosides O-Acetylated in the Outer Sialic Acids Using a Sialate Transferase. <i>PLoS ONE</i> , 2012, 7, e49983.	2.5	8
108	Characterization of the dTDP-Fuc3N and dTDP-Qui3N biosynthetic pathways in <i>Campylobacter jejuni</i> 81116. <i>Glycobiology</i> , 2017, 27, cww136.	2.5	7

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109	Biochemical Investigation of Rv3404c from <i>Mycobacterium tuberculosis</i> . <i>Biochemistry</i> , 2017, 56, 3818-3825.	2.5	6
110	Production of α 2,6-sialylated and non-fucosylated recombinant alpha-1-antitrypsin in CHO cells. <i>Journal of Biotechnology</i> , 2020, 307, 87-97.	3.8	5
111	Allylmalonamide as a bivalent linker: synthesis of biantennary GM3-saccharide–keyhole limpet hemocyanin glycoconjugate and the immune response in mice. <i>Glycoconjugate Journal</i> , 1999, 16, 507-515.	2.7	4
112	Process development for an inducible rituximab-expressing Chinese hamster ovary cell line. <i>Biotechnology Progress</i> , 2019, 35, e2742.	2.6	4
113	Role of the non-hypervariable FR3 D ϵ loop in single-domain antibody recognition of haptens and carbohydrates. <i>Journal of Molecular Recognition</i> , 2019, 32, e2805.	2.1	3
114	Chemoenzymatic synthesis of an α -1,6-glucan-based conjugate vaccine against <i>Helicobacter pylori</i> . <i>Glycobiology</i> , 2022, 32, 691-700.	2.5	3
115	Selective Depletion of Neuropathy-Related Antibodies from Human Serum by Monolithic Affinity Columns Containing Ganglioside Mimics. <i>Journal of Medicinal Chemistry</i> , 2011, 54, 3500-3505.	6.4	1
116	The <i>Mycobacterium tuberculosis</i> complex has a pathway for the biosynthesis of 4-formamido-4,6-dideoxyglucose. <i>Protein Science</i> , 2018, 27, 1491-1497.	7.6	1
117	Selective Capture and Determination of Receptor-Binding Hemagglutinin in Influenza Vaccine Preparations Using a Coupled Receptor-Binding/RP-HPLC Assay. <i>Analytical Chemistry</i> , 2019, 91, 8908-8917.	6.5	1