

# Anne Dell

## List of Publications by Year in descending order

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199  
papers

12,803  
citations

20759

60  
h-index

30010

103  
g-index

205  
all docs

205  
docs citations

205  
times ranked

11411  
citing authors

#	ARTICLE	IF	CITATIONS
1	Novel constructs and 1-step chromatography protocols for the production of Porcine Circovirus 2d (PCV2d) and Circovirus 3 (PCV3) subunit vaccine candidates. <i>Food and Bioprocess Processing</i> , 2022, 131, 125-135.	1.8	8
2	Strategies to control therapeutic antibody glycosylation during bioprocessing: Synthesis and separation. <i>Biotechnology and Bioengineering</i> , 2022, 119, 1343-1358.	1.7	11
3	The Tip of Brucella O-Polysaccharide Is a Potent Epitope in Response to Brucellosis Infection and Enables Short Synthetic Antigens to Be Superior Diagnostic Reagents. <i>Microorganisms</i> , 2022, 10, 708.	1.6	1
4	Measurement of erythrocyte membrane mannoses to assess splenic function. <i>British Journal of Haematology</i> , 2022, , .	1.2	3
5	Site-specific characterization of SARS-CoV-2 spike glycoprotein receptor-binding domain. <i>Glycobiology</i> , 2021, 31, 181-187.	1.3	40
6	Loss of $\alpha$ 2-6 sialylation promotes the transformation of synovial fibroblasts into a pro-inflammatory phenotype in arthritis. <i>Nature Communications</i> , 2021, 12, 2343.	5.8	28
7	Modified recombinant human IgG1 $\alpha$ Fc is superior to natural intravenous immunoglobulin at inhibiting immune-mediated demyelination. <i>Immunology</i> , 2021, 164, 90-105.	2.0	2
8	Efficient inhibition of O-glycan biosynthesis using the hexosamine analog Ac5GalNTGc. <i>Cell Chemical Biology</i> , 2021, 28, 699-710.e5.	2.5	11
9	Activation of regulatory T cells triggers specific changes in glycosylation associated with Siglec-1-dependent inflammatory responses. <i>Wellcome Open Research</i> , 2021, 6, 134.	0.9	1
10	A mutation in SLC37A4 causes a dominantly inherited congenital disorder of glycosylation characterized by liver dysfunction. <i>American Journal of Human Genetics</i> , 2021, 108, 1040-1052.	2.6	7
11	Proteome-wide prediction of bacterial carbohydrate-binding proteins as a tool for understanding commensal and pathogen colonisation of the vaginal microbiome. <i>Npj Biofilms and Microbiomes</i> , 2021, 7, 49.	2.9	11
12	Glycan biomarkers for Alzheimer disease correlate with T $\alpha$ tau and P $\alpha$ tau in cerebrospinal fluid in subjective cognitive impairment. <i>FEBS Journal</i> , 2020, 287, 3221-3234.	2.2	36
13	Vulpeculin: a novel and abundant lipocalin in the urine of the common brushtail possum, <i>Trichosurus vulpecula</i> . <i>Open Biology</i> , 2020, 10, 200218.	1.5	2
14	Analysis of N- and O-Linked Glycosylation: Differential Glycosylation after Rat Spinal Cord Injury. <i>Journal of Neurotrauma</i> , 2020, 37, 1954-1962.	1.7	10
15	The glycomic sialylation profile of GNE Myopathy muscle cells does not point to consistent hyposialylation of individual glycoconjugates. <i>Neuromuscular Disorders</i> , 2020, 30, 621-630.	0.3	11
16	Altered glycosylation of glycodelin in endometrial carcinoma. <i>Laboratory Investigation</i> , 2020, 100, 1014-1025.	1.7	16
17	Role of galectin-glycan circuits in reproduction: from healthy pregnancy to preterm birth (PTB). <i>Seminars in Immunopathology</i> , 2020, 42, 469-486.	2.8	11
18	Discovery of O-Linked Carbohydrate on HIV-1 Envelope and Its Role in Shielding against One Category of Broadly Neutralizing Antibodies. <i>Cell Reports</i> , 2020, 30, 1862-1869.e4.	2.9	25

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19	Glycan characterization of pregnancy-specific glycoprotein 1 and its identification as a novel Galectin-1 ligand. <i>Glycobiology</i> , 2020, 30, 895-909.	1.3	21
20	Choice of Host Cell Line Is Essential for the Functional Glycosylation of the Fc Region of Human IgG1 Inhibitors of Influenza B Viruses. <i>Journal of Immunology</i> , 2020, 204, 1022-1034.	0.4	16
21	Insights into the hyperglycosylation of human chorionic gonadotropin revealed by glycomics analysis. <i>PLoS ONE</i> , 2020, 15, e0228507.	1.1	13
22	Insights into the hyperglycosylation of human chorionic gonadotropin revealed by glycomics analysis. , 2020, 15, e0228507.		0
23	Insights into the hyperglycosylation of human chorionic gonadotropin revealed by glycomics analysis. , 2020, 15, e0228507.		0
24	Insights into the hyperglycosylation of human chorionic gonadotropin revealed by glycomics analysis. , 2020, 15, e0228507.		0
25	Insights into the hyperglycosylation of human chorionic gonadotropin revealed by glycomics analysis. , 2020, 15, e0228507.		0
26	Insertion of N-Terminal Hinge Glycosylation Enhances Interactions of the Fc Region of Human IgG1 Monomers with Glycan-Dependent Receptors and Blocks Hemagglutination by the Influenza Virus. <i>Journal of Immunology</i> , 2019, 202, 1595-1611.	0.4	7
27	Quantitative Analyses Reveal Novel Roles for N-Glycosylation in a Major Enteric Bacterial Pathogen. <i>MBio</i> , 2019, 10, .	1.8	39
28	Serum IgA1 shows increased levels of 2,6-linked sialic acid in breast cancer. <i>Interface Focus</i> , 2019, 9, 20180079.	1.5	18
29	East-Asian <i>Helicobacter pylori</i> strains synthesize heptan-deficient lipopolysaccharide. <i>PLoS Genetics</i> , 2019, 15, e1008497.	1.5	21
30	Human B Cell Differentiation Is Characterized by Progressive Remodeling of O-Linked Glycans. <i>Frontiers in Immunology</i> , 2018, 9, 2857.	2.2	37
31	The S-layer protein of a <i>Clostridium difficile</i> SLCT-11 strain displays a complex glycan required for normal cell growth and morphology. <i>Journal of Biological Chemistry</i> , 2018, 293, 18123-18137.	1.6	13
32	XBP1s activation can globally remodel N-glycan structure distribution patterns. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E10089-E10098.	3.3	41
33	The mucinous domain of pancreatic carboxyl-ester lipase (CEL) contains core 1/core 2 O-glycans that can be modified by ABO blood group determinants. <i>Journal of Biological Chemistry</i> , 2018, 293, 19476-19491.	1.6	14
34	Thioglycosides Are Efficient Metabolic Decoys of Glycosylation that Reduce Selectin Dependent Leukocyte Adhesion. <i>Cell Chemical Biology</i> , 2018, 25, 1519-1532.e5.	2.5	27
35	The singular <i>Corynebacterium glutamicum</i> Emb arabinofuranosyltransferase polymerises the arabinan backbone in the early stages of cell wall arabinan biosynthesis. <i>Cell Surface</i> , 2018, 2, 38-53.	1.5	8
36	Photoactivable Glycolipid Antigens Generate Stable Conjugates with CD1d for Invariant Natural Killer T Cell Activation. <i>Bioconjugate Chemistry</i> , 2018, 29, 3161-3173.	1.8	14

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37	Towards automation of glycomic profiling of complex biological materials. <i>Glycoconjugate Journal</i> , 2018, 35, 311-321.	1.4	9
38	The minimum information required for a glycomics experiment (MIRAGE) project: improving the standards for reporting glycan microarray-based data. <i>Glycobiology</i> , 2017, 27, 280-284.	1.3	69
39	Partial correction of neutrophil dysfunction by oral galactose therapy in glycogen storage disease type Ib. <i>International Immunopharmacology</i> , 2017, 44, 216-225.	1.7	8
40	Characterization of H type 1 and type 1 N-acetyllactosamine glycan epitopes on ovarian cancer specifically recognized by the anti-glycan monoclonal antibody mAb-A4. <i>Journal of Biological Chemistry</i> , 2017, 292, 6163-6176.	1.6	17
41	Effects of altered sialic acid biosynthesis on N-linked glycan branching and cell surface interactions. <i>Journal of Biological Chemistry</i> , 2017, 292, 9637-9651.	1.6	19
42	Human Immunodeficiency Virus and Simian Immunodeficiency Virus Maintain High Levels of Infectivity in the Complete Absence of Mucin-Type O-Glycosylation. <i>Journal of Virology</i> , 2017, 91, .	1.5	5
43	The redefinition of <i>Helicobacter pylori</i> lipopolysaccharide O-antigen and core-oligosaccharide domains. <i>PLoS Pathogens</i> , 2017, 13, e1006280.	2.1	33
44	HEK293T cell lines defective for O-linked glycosylation. <i>PLoS ONE</i> , 2017, 12, e0179949.	1.1	21
45	Insights from the redefinition of <i>Helicobacter pylori</i> lipopolysaccharide O-antigen and core-oligosaccharide domains. <i>Microbial Cell</i> , 2017, 4, 175-178.	1.4	7
46	The Type B Flagellin of Hypervirulent <i>Clostridium difficile</i> Is Modified with Novel Sulfonated Peptidylamido-glycans. <i>Journal of Biological Chemistry</i> , 2016, 291, 25439-25449.	1.6	16
47	Characterization of the N-glycans of female <i>Angiostrongylus cantonensis</i> worms. <i>Experimental Parasitology</i> , 2016, 166, 137-143.	0.5	12
48	Evidence for Differential Glycosylation of Trophoblast Cell Types. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 1857-1866.	2.5	32
49	Role of Glycosyltransferases Modifying Type B Flagellin of Emerging Hypervirulent <i>Clostridium difficile</i> Lineages and Their Impact on Motility and Biofilm Formation. <i>Journal of Biological Chemistry</i> , 2016, 291, 25450-25461.	1.6	49
50	The minimum information required for a glycomics experiment (MIRAGE) project: sample preparation guidelines for reliable reporting of glycomics datasets. <i>Glycobiology</i> , 2016, 26, 907-910.	1.3	62
51	The human fetoe embryonic defense system hypothesis: Twenty years on. <i>Molecular Aspects of Medicine</i> , 2016, 51, 71-88.	2.7	17
52	Engineering and Dissecting the Glycosylation Pathway of a Streptococcal Serine-rich Repeat Adhesin. <i>Journal of Biological Chemistry</i> , 2016, 291, 27354-27363.	1.6	31
53	New Helical Binding Domain Mediates a Glycosyltransferase Activity of a Bifunctional Protein. <i>Journal of Biological Chemistry</i> , 2016, 291, 22106-22117.	1.6	19
54	Mapping the complete glycoproteome of virion-derived HIV-1 gp120 provides insights into broadly neutralizing antibody binding. <i>Scientific Reports</i> , 2016, 6, 32956.	1.6	71

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55	Bovine Herpesvirus 4 Modulates Its Î²-1,6- <i>N</i> -Acetylglucosaminyltransferase Activity through Alternative Splicing. <i>Journal of Virology</i> , 2016, 90, 2039-2051.	1.5	0
56	Glycosphingolipids on Human Myeloid Cells Stabilize E-Selectinâ€“Dependent Rolling in the Multistep Leukocyte Adhesion Cascade. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 718-727.	1.1	32
57	Glycoproteomic studies of IgE from a novel hyper IgE syndrome linked to PGM3 mutation. <i>Glycoconjugate Journal</i> , 2016, 33, 447-456.	1.4	32
58	Cellular O-Glycome Reporter/Amplification to explore O-glycans of living cells. <i>Nature Methods</i> , 2016, 13, 81-86.	9.0	81
59	The zebrafish galectins Drgal1-L2 and Drgal3-L1 bind inÂvitro to the infectious hematopoietic necrosis virus (IHNV) glycoprotein and reduce viral adhesion to fish epithelial cells. <i>Developmental and Comparative Immunology</i> , 2016, 55, 241-252.	1.0	47
60	Golgi self-correction generates bioequivalent glycans to preserve cellular homeostasis. <i>ELife</i> , 2016, 5,	2.8	67
61	ST3Gal-4 is the primary sialyltransferase regulating the synthesis of E-, P-, and L-selectin ligands on human myeloid leukocytes. <i>Blood</i> , 2015, 125, 687-696.	0.6	70
62	Global N-linked Glycosylation is Not Significantly Impaired in Myoblasts in Congenital Myasthenic Syndromes Caused by Defective Glutamine-Fructose-6-Phosphate Transaminase 1 (GFPT1). <i>Biomolecules</i> , 2015, 5, 2758-2781.	1.8	13
63	MKAN27435 Is Required for the Biosynthesis of Higher Subclasses of Lipooligosaccharides in <i>Mycobacterium kansasii</i> . <i>PLoS ONE</i> , 2015, 10, e0122804.	1.1	10
64	Gp120 on HIV-1 Virions Lacks O-Linked Carbohydrate. <i>PLoS ONE</i> , 2015, 10, e0124784.	1.1	25
65	The Cytotoxicity of Elderberry Ribosome-Inactivating Proteins Is Not Solely Determined by Their Protein Translation Inhibition Activity. <i>PLoS ONE</i> , 2015, 10, e0132389.	1.1	9
66	Developing the IVIG biomimetic, Hexa-Fc, for drug and vaccine applications. <i>Scientific Reports</i> , 2015, 5, 9526.	1.6	33
67	Enhanced Aromatic Sequons Increase Oligosaccharyltransferase Glycosylation Efficiency and Glycan Homogeneity. <i>Chemistry and Biology</i> , 2015, 22, 1052-1062.	6.2	36
68	XBP1s Links the Unfolded Protein Response to the Molecular Architecture of Mature N-Glycans. <i>Chemistry and Biology</i> , 2015, 22, 1301-1312.	6.2	35
69	Mass Spectrometric Analyses of Cell and Tissue Glycomes. , 2015, , 69-77.		1
70	The highly conserved domain of unknown function 1792 has a distinct glycosyltransferase fold. <i>Nature Communications</i> , 2014, 5, 4339.	5.8	61
71	Systemic Blockade of Sialylation in Mice with a Global Inhibitor of Sialyltransferases. <i>Journal of Biological Chemistry</i> , 2014, 289, 35149-35158.	1.6	85
72	Towards Controlling the Glycoform: A Model Framework Linking Extracellular Metabolites to Antibody Glycosylation. <i>International Journal of Molecular Sciences</i> , 2014, 15, 4492-4522.	1.8	73

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73	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
74	Glycomic Characterization of Respiratory Tract Tissues of Ferrets. <i>Journal of Biological Chemistry</i> , 2014, 289, 28489-28504.	1.6	82
75	JAGN1 deficiency causes aberrant myeloid cell homeostasis and congenital neutropenia. <i>Nature Genetics</i> , 2014, 46, 1021-1027.	9.4	119
76	Letter to the Glycoforum Transforming Glycoscience: An Australian Perspective. <i>Glycobiology</i> , 2014, 24, 1-3.	1.3	1
77	Methylated glycans as conserved targets of animal and fungal innate defense. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, E2787-96.	3.3	74
78	Hypomorphic homozygous mutations in phosphoglucomutase 3 (PGM3) impair immunity and increase serum IgE levels. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 133, 1410-1419.e13.	1.5	160
79	Synthesis of Biologically Active N- and O-Linked Glycans with Multisialylated Poly-N-acetylglucosamine Extensions Using <i>P. damsela</i> $\alpha$ 2-6 Sialyltransferase. <i>Journal of the American Chemical Society</i> , 2013, 135, 18280-18283.	6.6	55
80	Polylactosaminoglycan Glycomics: Enhancing the Detection of High-molecular-weight N-glycans in Matrix-assisted Laser Desorption Ionization Time-of-flight Profiles by Matched Filtering. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 996-1004.	2.5	15
81	Competition between Core-2 GlcNAc-transferase and ST6GalNAc-transferase Regulates the Synthesis of the Leukocyte Selectin Ligand on Human P-selectin Glycoprotein Ligand-1. <i>Journal of Biological Chemistry</i> , 2013, 288, 13974-13987.	1.6	44
82	Deficiency Of JAGN1 Causes Severe Congenital Neutropenia Associated With Defective Secretory Pathway and Aberrant Myeloid Cell Homeostasis. <i>Blood</i> , 2013, 122, 439-439.	0.6	2
83	Mapping the N-glycome of human von Willebrand factor. <i>Biochemical Journal</i> , 2012, 447, 217-228.	1.7	78
84	The GlycanBuilder and GlycoWorkbench glycoinformatics tools: updates and new developments. <i>Biological Chemistry</i> , 2012, 393, 1357-1362.	1.2	147
85	Loss of Effector Function of Human Cytolytic T Lymphocytes Is Accompanied by Major Alterations in N- and O-Glycosylation. <i>Journal of Biological Chemistry</i> , 2012, 287, 11240-11251.	1.6	38
86	Abstract 3417: An in vivo functional screen to identify metastasis suppressor genes. , 2012, , .		0
87	Abstract 2316: Itraconazole, an antifungal drug with anti-angiogenic activity, inhibits VEGFR2 trafficking, glycosylation, and signaling in endothelial cells. , 2012, , .		0
88	Human Sperm Binding Is Mediated by the Sialyl-Lewis <sup>x</sup> Oligosaccharide on the Zona Pellucida. <i>Science</i> , 2011, 333, 1761-1764.	6.0	278
89	G6PC3 mutations are associated with a major defect of glycosylation: a novel mechanism for neutrophil dysfunction. <i>Glycobiology</i> , 2011, 21, 914-924.	1.3	78
90	Glycosylation Failure Extends to Glycoproteins in Gestational Diabetes Mellitus. <i>Diabetes</i> , 2011, 60, 909-917.	0.3	53

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91	EUROCarbDB: An open-access platform for glycoinformatics. <i>Glycobiology</i> , 2011, 21, 493-502.	1.3	116
92	Simian Immunodeficiency Virus from the Sooty Mangabey and Rhesus Macaque Is Modified with O-Linked Carbohydrate. <i>Journal of Virology</i> , 2011, 85, 582-595.	1.5	23
93	Early Murine T-lymphocyte Activation Is Accompanied by a Switch from N-Glycolyl- to N-Acetyl-neuraminic Acid and Generation of Ligands for Siglec-E. <i>Journal of Biological Chemistry</i> , 2011, 286, 34522-34532.	1.6	42
94	High-sensitivity O-glycomic analysis of mice deficient in core 2 $\beta$ 1,6-N-acetylglucosaminyltransferases. <i>Glycobiology</i> , 2011, 21, 82-98.	1.3	44
95	Glycosylation of mouse and human immune cells: insights emerging from N-glycomics analyses. <i>Biochemical Society Transactions</i> , 2011, 39, 1334-1340.	1.6	46
96	Glycoproteomics: a powerful tool for characterizing the diverse glycoforms of bacterial pilins and flagellins. <i>Biochemical Society Transactions</i> , 2010, 38, 1307-1313.	1.6	22
97	Mouse and Human Glycomes. , 2010, , 263-327.		4
98	Physiological and glycomic characterization of N-acetylglucosaminyltransferase-IVa and -IVb double deficient mice. <i>Glycobiology</i> , 2010, 20, 485-497.	1.3	51
99	Mass Spectrometric Analysis of Mutant Mice. <i>Methods in Enzymology</i> , 2010, 478, 27-77.	0.4	50
100	Endothelial Galectin-1 Binds to Specific Glycans on Nipah Virus Fusion Protein and Inhibits Maturation, Mobility, and Function to Block Syncytia Formation. <i>PLoS Pathogens</i> , 2010, 6, e1000993.	2.1	62
101	Effects of Differential Glycosylation of Glycodelins on Lymphocyte Survival. <i>Journal of Biological Chemistry</i> , 2009, 284, 15084-15096.	1.6	54
102	Glycosyltransferase Function in Core 2-Type Protein O Glycosylation. <i>Molecular and Cellular Biology</i> , 2009, 29, 3770-3782.	1.1	100
103	Glycan family analysis for deducing <i>N</i> -glycan topology from single MS. <i>Bioinformatics</i> , 2009, 25, 365-371.	1.8	145
104	Mass spectrometry in the analysis of N-linked and O-linked glycans. <i>Current Opinion in Structural Biology</i> , 2009, 19, 498-506.	2.6	212
105	Glycoproteomics: Past, present and future. <i>FEBS Letters</i> , 2009, 583, 1728-1735.	1.3	79
106	Mass spectrometric analysis of the $\epsilon$ -layer proteins from <i>Clostridium difficile</i> demonstrates the absence of glycosylation. <i>Journal of Mass Spectrometry</i> , 2009, 44, 368-374.	0.7	19
107	Structural characterisation of neutrophil glycans by ultra sensitive mass spectrometric glycomics methodology. <i>Glycoconjugate Journal</i> , 2009, 26, 975-986.	1.4	68
108	Analysis of the Human Seminal Plasma Glycome Reveals the Presence of Immunomodulatory Carbohydrate Functional Groups. <i>Journal of Proteome Research</i> , 2009, 8, 4906-4915.	1.8	50

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109	Characterizing the glycome of the mammalian immune system. <i>Immunology and Cell Biology</i> , 2008, 86, 564-573.	1.0	57
110	GlycoWorkbench: A Tool for the Computer-Assisted Annotation of Mass Spectra of Glycans. <i>Journal of Proteome Research</i> , 2008, 7, 1650-1659.	1.8	917
111	GlycomicsGlycomics and Mass SpectrometryMass spectrometry (MS). , 2008, , 2191-2217.		4
112	Software Tool for the Structural Determination of Glycosaminoglycans by Mass Spectrometry. <i>Analytical Chemistry</i> , 2008, 80, 9204-9212.	3.2	33
113	A Novel Mechanism for LSECtin Binding to Ebola Virus Surface Glycoprotein through Truncated Glycans. <i>Journal of Biological Chemistry</i> , 2008, 283, 593-602.	1.6	93
114	Dendritic Cell Maturation Results in Pronounced Changes in Glycan Expression Affecting Recognition by Siglecs and Galectins. <i>Journal of Immunology</i> , 2007, 179, 8216-8224.	0.4	117
115	Sialyl-Lewis x on P-Selectin Glycoprotein Ligand-1 Is Regulated during Differentiation and Maturation of Dendritic Cells: A Mechanism Involving the Glycosyltransferases C2GnT1 and ST3Gal I. <i>Journal of Immunology</i> , 2007, 179, 5701-5710.	0.4	42
116	A Tetraantennary Glycan with Bisecting N-Acetylglucosamine and the Sda Antigen is the Predominant N-Glycan on Bovine Pregnancy-Associated Glycoproteins. <i>Glycobiology</i> , 2007, 18, 42-52.	1.3	45
117	Expression of Bisecting Type and Lewisx/Lewis y Terminated N-Glycans on Human Sperm. <i>Journal of Biological Chemistry</i> , 2007, 282, 36593-36602.	1.6	65
118	Integrated mass spectrometric strategy for characterizing the glycans from glycosphingolipids and glycoproteins: direct identification of sialyl Lex in mice. <i>Glycobiology</i> , 2007, 17, 646-654.	1.3	45
119	Towards GAG glycomics: Analysis of highly sulfated heparins by MALDI-TOF mass spectrometry. <i>Glycobiology</i> , 2007, 17, 972-982.	1.3	62
120	Comparison of the methods for profiling glycoprotein glycansâ€”HUPO Human Disease Glycomics/Proteome Initiative multi-institutional study. <i>Glycobiology</i> , 2007, 17, 411-422.	1.3	382
121	Automated N-Glycopeptide Identification Using a Combination of Single- and Tandem-MS. <i>Journal of Proteome Research</i> , 2007, 6, 3995-4005.	1.8	94
122	Glycoproteomics: Past, present and future. <i>International Journal of Mass Spectrometry</i> , 2007, 259, 16-31.	0.7	20
123	The GlycanBuilder: a fast, intuitive and flexible software tool for building and displaying glycan structures. <i>Source Code for Biology and Medicine</i> , 2007, 2, 3.	1.7	134
124	Glycomic Profiling of Cells and Tissues by Mass Spectrometry: Fingerprinting and Sequencing Methodologies. <i>Methods in Enzymology</i> , 2006, 415, 59-86.	0.4	144
125	Activation of Murine CD4+ and CD8+ T Lymphocytes Leads to Dramatic Remodeling of N-Linked Glycans. <i>Journal of Immunology</i> , 2006, 177, 2431-2440.	0.4	111
126	Differential O-Glycosylation of a Conserved Domain Expressed in Murine and Human ZP3â€”. <i>Biochemistry</i> , 2006, 45, 637-647.	1.2	50



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127	Glycomics investigation into insulin action. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2006, 1760, 652-668.	1.1	17
128	Mass spectrometric analysis of N- and O-glycosylation of tissues and cells. <i>Current Opinion in Structural Biology</i> , 2006, 16, 584-591.	2.6	106
129	A focused microarray approach to functional glycomics: transcriptional regulation of the glycome. <i>Glycobiology</i> , 2006, 16, 117-131.	1.3	161
130	<i>Neisseria gonorrhoeae</i> Type IV Pili Undergo Multisite, Hierarchical Modifications with Phosphoethanolamine and Phosphocholine Requiring an Enzyme Structurally Related to Lipopolysaccharide Phosphoethanolamine Transferases. <i>Journal of Biological Chemistry</i> , 2006, 281, 27712-27723.	1.6	61
131	Essential and mutually compensatory roles of $\alpha$ -mannosidase II and $\alpha$ -mannosidase IIx in N-glycan processing in vivo in mice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 8983-8988.	3.3	65
132	Bacterial glycoproteomics. <i>Microbiology (United Kingdom)</i> , 2006, 152, 1575-1580.	0.7	60
133	Mass spectrometric characterisation of <i>Taenia crassiceps</i> metacestode N-glycans. <i>Molecular and Biochemical Parasitology</i> , 2005, 143, 245-249.	0.5	27
134	Potent suppression of natural killer cell response mediated by the ovarian tumor marker CA125. <i>Gynecologic Oncology</i> , 2005, 99, 704-713.	0.6	132
135	Automatic annotation of matrix-assisted laser desorption/ionization N-glycan spectra. <i>Proteomics</i> , 2005, 5, 865-875.	1.3	166
136	MS strategies for high throughput glycomics and glyco-proteomics. <i>International Journal of Experimental Pathology</i> , 2004, 85, A51-A51.	0.6	1
137	Characterization of the Oligosaccharides Associated with the Human Ovarian Tumor Marker CA125. <i>Journal of Biological Chemistry</i> , 2003, 278, 28619-28634.	1.6	210
138	Protein-Hapten Binding: Challenges and Limitations for In Vitro Skin Sensitization Assays. <i>Cutaneous and Ocular Toxicology</i> , 2003, 22, 87-99.	0.3	3
139	Sialic Acid Capping of CD8 $\beta$ Core 1-O-Glycans Controls Thymocyte-Major Histocompatibility Complex Class I Interaction. <i>Journal of Biological Chemistry</i> , 2003, 278, 7240-7246.	1.6	73
140	Characterization of the O antigen gene cluster and structural analysis of the O antigen of <i>Francisella tularensis</i> subsp. <i>tularensis</i> . <i>Journal of Medical Microbiology</i> , 2003, 52, 845-851.	0.7	77
141	The Expression of Free Oligosaccharides in Human Seminal Plasma. <i>Journal of Biological Chemistry</i> , 2002, 277, 32562-32570.	1.6	21
142	Characterization of a putative $\alpha$ -mannosyltransferase involved in phosphatidylinositol trimannoside biosynthesis in <i>Mycobacterium tuberculosis</i> . <i>Biochemical Journal</i> , 2002, 363, 437-447.	1.7	84
143	N-Linked Glycosylation in <i>Campylobacter jejuni</i> and Its Functional Transfer into <i>E. coli</i> . <i>Science</i> , 2002, 298, 1790-1793.	6.0	716
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