

Ten Feizi

List of Publications by Year in descending order

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245
papers

17,926
citations

14655

66
h-index

15732

125
g-index

258
all docs

258
docs citations

258
times ranked

13494
citing authors

#	ARTICLE	IF	CITATIONS
1	CarbArrayART: a new software tool for carbohydrate microarray data storage, processing, presentation, and reporting. <i>Glycobiology</i> , 2022, 32, 552-555.	2.5	3
2	Siglec-15 recognition of sialoglycans on tumor cell lines can occur independently of sialyl Tn antigen expression. <i>Glycobiology</i> , 2021, 31, 44-54.	2.5	19
3	<i>Helicobacter pylori</i> lipopolysaccharide structural domains and their recognition by immune proteins revealed with carbohydrate microarrays. <i>Carbohydrate Polymers</i> , 2021, 253, 117350.	10.2	14
4	Defining the Glycosaminoglycan Interactions of Complement Factor H-Related Protein 5. <i>Journal of Immunology</i> , 2021, 207, 534-541.	0.8	9
5	Mapping Molecular Recognition of β -1,3-1,4-Glucans by a Surface Glycan-Binding Protein from the Human Gut Symbiont <i>Bacteroides ovatus</i> . <i>Microbiology Spectrum</i> , 2021, 9, e0182621.	3.0	3
6	GlyGen: Computational and Informatics Resources for Glycoscience. <i>Glycobiology</i> , 2020, 30, 72-73.	2.5	123
7	Chikungunya Virus Strains from Each Genetic Clade Bind Sulfated Glycosaminoglycans as Attachment Factors. <i>Journal of Virology</i> , 2020, 94, .	3.4	21
8	Mannan detecting C-type lectin receptor probes recognise immune epitopes with diverse chemical, spatial and phylogenetic heterogeneity in fungal cell walls. <i>PLoS Pathogens</i> , 2020, 16, e1007927.	4.7	52
9	Glycan Markers of Human Stem Cells Assigned with Beam Search Arrays*[S]. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 1981-2002.	3.8	15
10	Nanolithography of biointerfaces. <i>Faraday Discussions</i> , 2019, 219, 262-275.	3.2	0
11	Sulfated Glycosaminoglycans as Viral Decoy Receptors for Human Adenovirus Type 37. <i>Viruses</i> , 2019, 11, 247.	3.3	27
12	New directions in surface functionalization and characterization: general discussion. <i>Faraday Discussions</i> , 2019, 219, 252-261.	3.2	0
13	Recognition of DHN-melanin by a C-type lectin receptor is required for immunity to <i>Aspergillus</i> . <i>Nature</i> , 2018, 555, 382-386.	27.8	157
14	Polysialic acid is a cellular receptor for human adenovirus 52. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4264-E4273.	7.1	70
15	O-Glycome Beam Search Arrays for Carbohydrate Ligand Discovery. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 121-133.	3.8	23
16	Single human B cell-derived monoclonal anti-Candida antibodies enhance phagocytosis and protect against disseminated candidiasis. <i>Nature Communications</i> , 2018, 9, 5288.	12.8	56
17	Insights Into Glucan Polysaccharide Recognition Using Glucooligosaccharide Microarrays With Oxime-Linked Neoglycolipid Probes. <i>Methods in Enzymology</i> , 2018, 598, 139-167.	1.0	10
18	Assignment by Negative-Ion Electrospray Tandem Mass Spectrometry of the Tetrasaccharide Backbones of Monosialylated Glycans Released from Bovine Brain Gangliosides. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 1308-1318.	2.8	3

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19	The neoglycolipid (<sc>NGL</sc>) technology-based microarrays and future prospects. FEBS Letters, 2018, 592, 3976-3991.	2.8	38
20	The minimum information required for a glycomics experiment (MIRAGE) project: improving the standards for reporting glycan microarray-based data. Glycobiology, 2017, 27, 280-284.	2.5	69
21	Binding of CLL Subset 4 B Cell Receptor Immunoglobulins to Viable Human Memory B Lymphocytes Requires a Distinctive IGKV Somatic Mutation. Molecular Medicine, 2017, 23, 1-12.	4.4	14
22	The minimum information required for a glycomics experiment (MIRAGE) project: sample preparation guidelines for reliable reporting of glycomics datasets. Glycobiology, 2016, 26, 907-910.	2.5	62
23	Glycan Specificity of P[19] Rotavirus and Comparison with Those of Related P Genotypes. Journal of Virology, 2016, 90, 9983-9996.	3.4	46
24	Abnormally High Content of Free Glucosamine Residues Identified in a Preparation of Commercially Available Porcine Intestinal Heparan Sulfate. Analytical Chemistry, 2016, 88, 6648-6652.	6.5	8
25	Generation and characterization of β 1,2-gluco-oligosaccharide probes from <i>Brucella abortus</i> cyclic β 2-glucan and their recognition by C-type lectins of the immune system. Glycobiology, 2016, 26, 1086-1096.	2.5	16
26	Yeast expressed ArtinM shares structure, carbohydrate recognition, and biological effects with native ArtinM. International Journal of Biological Macromolecules, 2016, 82, 22-30.	7.5	9
27	Effects of egg-adaptation on receptor-binding and antigenic properties of recent influenza A (H3N2) vaccine viruses. Journal of General Virology, 2016, 97, 1333-1344.	2.9	66
28	Protein O-Mannosylation in the Murine Brain: Occurrence of Mono-O-Mannosyl Glycans and Identification of New Substrates. PLoS ONE, 2016, 11, e0166119.	2.5	23
29	Defining the Interaction of Human Soluble Lectin ZG16p and Mycobacterial Phosphatidylinositol Mannosides. ChemBioChem, 2015, 16, 1502-1511.	2.6	20
30	Notum deacylates Wnt proteins to suppress signalling activity. Nature, 2015, 519, 187-192.	27.8	348
31	Human Adenovirus 52 Uses Sialic Acid-containing Glycoproteins and the Coxsackie and Adenovirus Receptor for Binding to Target Cells. PLoS Pathogens, 2015, 11, e1004657.	4.7	57
32	Unravelling Glucan Recognition Systems by Glycome Microarrays Using the Designer Approach and Mass Spectrometry. Molecular and Cellular Proteomics, 2015, 14, 974-988.	3.8	58
33	Total syntheses of disulphated glycosphingolipid SB1a and the related monosulphated SM1a. Organic and Biomolecular Chemistry, 2015, 13, 11105-11117.	2.8	5
34	Negative-Ion Electrospray Tandem Mass Spectrometry and Microarray Analyses of Developmentally Regulated Antigens Based on Type 1 and Type 2 Backbone Sequences. Analytical Chemistry, 2015, 87, 11871-11878.	6.5	12
35	Neoglycolipid (NGL)-Based Glycan Microarray System for Ligand Discovery. , 2015, , 25-34.		0
36	Determination of Carbohydrate Structure Recognized by Prostate-specific F77 Monoclonal Antibody through Expression Analysis of Glycosyltransferase Genes. Journal of Biological Chemistry, 2014, 289, 16478-16486.	3.4	35

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37	Carbohydrate Sequence of the Prostate Cancer-associated Antigen F77 Assigned by a Mucin O-Glycome Designer Array. <i>Journal of Biological Chemistry</i> , 2014, 289, 16462-16477.	3.4	51
38	Structural Basis for Multiple Sugar Recognition of Jacalin-related Human ZG16p Lectin. <i>Journal of Biological Chemistry</i> , 2014, 289, 16954-16965.	3.4	47
39	MIRAGE: The minimum information required for a glycomics experiment. <i>Glycobiology</i> , 2014, 24, 402-406.	2.5	116
40	Broadly Neutralizing HIV Antibodies Define a Glycan-Dependent Epitope on the Prefusion Conformation of gp41 on Cleaved Envelope Trimers. <i>Immunity</i> , 2014, 40, 657-668.	14.3	342
41	The neoglycolipid (NGL)-based oligosaccharide microarray system poised to decipher the meta-glycome. <i>Current Opinion in Chemical Biology</i> , 2014, 18, 87-94.	6.1	79
42	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
43	Conformational Analysis of the <i>Streptococcus pneumoniae</i> Hyaluronate Lyase and Characterization of Its Hyaluronan-specific Carbohydrate-binding Module. <i>Journal of Biological Chemistry</i> , 2014, 289, 27264-27277.	3.4	17
44	Neoglycolipid (NGL)-Based Glycan Microarray System for Ligand Discovery. , 2014, , 1-9.		0
45	Tricks of the trade in glycoscience: The preparation and analysis of a blood group A-active mucin glycoprotein. <i>Biochemist</i> , 2014, 36, 18-20.	0.5	0
46	IGHV4-34 B-Cell Receptor Immunoglobulins from CLL Stereotyped Subset 4 React with Influenza A Virus: Requirement for IGHV-D-J/IgIv-J Rearrangement and Isotype Switching to IgG. <i>Blood</i> , 2014, 124, 299-299.	1.4	1
47	Supersite of immune vulnerability on the glycosylated face of HIV-1 envelope glycoprotein gp120. <i>Nature Structural and Molecular Biology</i> , 2013, 20, 796-803.	8.2	314
48	A Structure-Guided Mutation in the Major Capsid Protein Retargets BK Polyomavirus. <i>PLoS Pathogens</i> , 2013, 9, e1003688.	4.7	70
49	Structures of B-Lymphotropic Polyomavirus VP1 in Complex with Oligosaccharide Ligands. <i>PLoS Pathogens</i> , 2013, 9, e1003714.	4.7	22
50	Carbohydrate recognition in the immune system: contributions of neoglycolipid-based microarrays to carbohydrate ligand discovery. <i>Annals of the New York Academy of Sciences</i> , 2013, 1292, 33-44.	3.8	19
51	Heparin increases the infectivity of Human Papillomavirus Type 16 independent of cell surface proteoglycans and induces L1 epitope exposure. <i>Cellular Microbiology</i> , 2013, 15, n/a-n/a.	2.1	57
52	The GM2 Glycan Serves as a Functional Coreceptor for Serotype 1 Reovirus. <i>PLoS Pathogens</i> , 2012, 8, e1003078.	4.7	93
53	Galactose Recognition by the Apicomplexan Parasite <i>Toxoplasma gondii</i> . <i>Journal of Biological Chemistry</i> , 2012, 287, 16720-16733.	3.4	40
54	The C-type Lectin Receptor CLECSF8 (CLEC4D) Is Expressed by Myeloid Cells and Triggers Cellular Activation through Syk Kinase. <i>Journal of Biological Chemistry</i> , 2012, 287, 25964-25974.	3.4	110

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55	Complex-type <i>N</i> -glycan recognition by potent broadly neutralizing HIV antibodies. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E3268-77.	7.1	505
56	Neoglycolipid-Based "Designer" Oligosaccharide Microarrays to Define β -Glucan Ligands for Dectin-1. Methods in Molecular Biology, 2012, 808, 337-359.	0.9	8
57	Neoglycolipid-Based Oligosaccharide Microarray System: Preparation of NGLs and Their Noncovalent Immobilization on Nitrocellulose-Coated Glass Slides for Microarray Analyses. Methods in Molecular Biology, 2012, 808, 117-136.	0.9	64
58	Broad neutralization by a combination of antibodies recognizing the CD4 binding site and a new conformational epitope on the HIV-1 envelope protein. Journal of Experimental Medicine, 2012, 209, 1469-1479.	8.5	156
59	The human epithelial carcinoma antigen recognized by monoclonal antibody AE3 is expressed on a sulfoglycolipid in addition to neoplastic mucins. Biochemical and Biophysical Research Communications, 2011, 408, 548-552.	2.1	22
60	Plant production of anti- β -glucan antibodies for immunotherapy of fungal infections in humans. Plant Biotechnology Journal, 2011, 9, 776-787.	8.3	22
61	Bacterial, Fungal, and Algal Lectins: Combatants in Tug of War against HIV. Structure, 2011, 19, 1035-1037.	3.3	1
62	A Potent and Broad Neutralizing Antibody Recognizes and Penetrates the HIV Glycan Shield. Science, 2011, 334, 1097-1103.	12.6	644
63	An expression system for screening of proteins for glycan and protein interactions. Analytical Biochemistry, 2011, 411, 261-270.	2.4	13
64	The interactions of calreticulin with immunoglobulin G and immunoglobulin Y. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2011, 1814, 889-899.	2.3	7
65	Structural Flexibility of the Macrophage Dengue Virus Receptor CLEC5A. Journal of Biological Chemistry, 2011, 286, 24208-24218.	3.4	48
66	Lateral sorting in model membranes by cholesterol-mediated hydrophobic matching. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 16628-16633.	7.1	131
67	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. Journal of Biological Chemistry, 2011, 286, 34522-34532.	3.4	42
68	The Role of Sialyl Glycan Recognition in Host Tissue Tropism of the Avian Parasite Eimeria tenella. PLoS Pathogens, 2011, 7, e1002296.	4.7	58
69	GM1 structure determines SV40-induced membrane invagination and infection. Nature Cell Biology, 2010, 12, 11-18.	10.3	535
70	Multifaceted Approaches Including Neoglycolipid Oligosaccharide Microarrays to Ligand Discovery for Malectin. Methods in Enzymology, 2010, 478, 265-286.	1.0	9
71	Polysaccharide mimicry of the epitope of the broadly neutralizing anti-HIV antibody, 2G12, induces enhanced antibody responses to self oligomannose glycans. Glycobiology, 2010, 20, 812-823.	2.5	77
72	Altered Receptor Specificity and Cell Tropism of D222G Hemagglutinin Mutants Isolated from Fatal Cases of Pandemic A(H1N1) 2009 Influenza Virus. Journal of Virology, 2010, 84, 12069-12074.	3.4	190

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73	Structure-Function Analysis of the Human JC Polyomavirus Establishes the LSTc Pentasaccharide as a Functional Receptor Motif. <i>Cell Host and Microbe</i> , 2010, 8, 309-319.	11.0	167
74	Chemical Synthesis, Folding, and Structural Insights into O-Fucosylated Epidermal Growth Factor-like Repeat 12 of Mouse Notch-1 Receptor. <i>Journal of the American Chemical Society</i> , 2010, 132, 14857-14865.	13.7	37
75	Members of a Novel Protein Family Containing Microneme Adhesive Repeat Domains Act as Sialic Acid-binding Lectins during Host Cell Invasion by Apicomplexan Parasites. <i>Journal of Biological Chemistry</i> , 2010, 285, 2064-2076.	3.4	90
76	Protection by Anti- β -Glucan Antibodies Is Associated with Restricted β -1,3 Glucan Binding Specificity and Inhibition of Fungal Growth and Adherence. <i>PLoS ONE</i> , 2009, 4, e5392.	2.5	184
77	Potent Fluoro-oligosaccharide Probes of Adhesion in <i>Toxoplasmosis</i> . <i>ChemBioChem</i> , 2009, 10, 2522-2529.	2.6	63
78	Detailed insights from microarray and crystallographic studies into carbohydrate recognition by microneme protein 1 (MIC1) of <i>Toxoplasma gondii</i> . <i>Protein Science</i> , 2009, 18, 1935-1947.	7.6	37
79	Receptor-binding specificity of pandemic influenza A (H1N1) 2009 virus determined by carbohydrate microarray. <i>Nature Biotechnology</i> , 2009, 27, 797-799.	17.5	299
80	O-glycosylation pattern of CD24 from mouse brain. <i>Biological Chemistry</i> , 2009, 390, 627-645.	2.5	74
81	Carbohydrate microarrays: key developments in glycobiology. <i>Biological Chemistry</i> , 2009, 390, 647-656.	2.5	120
82	Microarrays – A Key Technology for Glycobiology. , 2008, , 2121-2132.		1
83	Malectin: A Novel Carbohydrate-binding Protein of the Endoplasmic Reticulum and a Candidate Player in the Early Steps of Protein N-Glycosylation. <i>Molecular Biology of the Cell</i> , 2008, 19, 3404-3414.	2.1	263
84	N-Glycolyl GM1 Ganglioside as a Receptor for Simian Virus 40. <i>Journal of Virology</i> , 2007, 81, 12846-12858.	3.4	150
85	Neoglycolipid Probes Prepared via Oxime Ligation for Microarray Analysis of Oligosaccharide-Protein Interactions. <i>Chemistry and Biology</i> , 2007, 14, 847-859.	6.0	126
86	Atomic resolution insight into host cell recognition by <i>Toxoplasma gondii</i> . <i>EMBO Journal</i> , 2007, 26, 2808-2820.	7.8	98
87	Carbohydrate microarrays reveal sulphation as a modulator of siglec binding. <i>Biochemical and Biophysical Research Communications</i> , 2006, 344, 1141-1146.	2.1	85
88	First Synthesis of Heparan Sulfate Tetrasaccharides Containing both N-Acetylated and N-Unsubstituted Glucosamine-Search for Putative 10E4 Epitopes. <i>ChemBioChem</i> , 2006, 7, 1856-1858.	2.6	21
89	Preparation of Neoglycolipids with Ring-Closed Cores via Chemoselective Oxime Ligation for Microarray Analysis of Carbohydrate-Protein Interactions. <i>Methods in Enzymology</i> , 2006, 415, 326-340.	1.0	28
90	Ligands for the β -Glucan Receptor, Dectin-1, Assigned Using Designer-Microarrays of Oligosaccharide Probes (Neoglycolipids) Generated from Glucan Polysaccharides. <i>Journal of Biological Chemistry</i> , 2006, 281, 5771-5779.	3.4	329

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91	Neoglycolipids: Identification of Functional Carbohydrate Epitopes. , 2005, , 747-760.		0
92	Identification of a Low Affinity Mannose 6-Phosphate-binding Site in Domain 5 of the Cation-independent Mannose 6-Phosphate Receptor. Journal of Biological Chemistry, 2004, 279, 38658-38667.	3.4	58
93	High and low affinity carbohydrate ligands revealed for murine SIGN-R1 by carbohydrate array and cell binding approaches, and differing specificities for SIGN-R3 and langerin. International Immunology, 2004, 16, 853-866.	4.0	131
94	Carbohydrate microarrays and the unravelling of ligands for effector proteins of the immune system. International Journal of Experimental Pathology, 2004, 85, A51-A52.	1.3	2
95	Engineering sweet targets for magic bullets. Nature Biotechnology, 2004, 22, 1244-1245.	17.5	1
96	Oligosaccharide microarrays to decipher the glyco code. Nature Reviews Molecular Cell Biology, 2004, 5, 582-588.	37.0	237
97	Relative Susceptibilities of the Glucosamine~Glucuronic Acid and N-Acetylglucosamine~Glucuronic Acid Linkages to Heparin Lyase III. Biochemistry, 2004, 43, 8590-8599.	2.5	17
98	Carbohydrate microarrays ~ a new set of technologies at the frontiers of glycomics. Current Opinion in Structural Biology, 2003, 13, 637-645.	5.7	290
99	Oligosaccharide microarrays for glycomics. Trends in Biotechnology, 2003, 21, 143.	9.3	1
100	Interactions of the gastrotropic bacterium Helicobacter pylori with the leukocyte~endothelium adhesion molecules, the selectins ~ a preliminary report. FEMS Immunology and Medical Microbiology, 2003, 36, 127-134.	2.7	26
101	Neoglycolipid Technology: Deciphering Information Content of Glycome. Methods in Enzymology, 2003, 362, 160-195.	1.0	54
102	An investigation of the interactions of E-selectin with fuco-oligosaccharides of the blood group family. Glycobiology, 2002, 12, 829-835.	2.5	14
103	Mannose Receptor-Mediated Regulation of Serum Glycoprotein Homeostasis. Science, 2002, 295, 1898-1901.	12.6	453
104	Chemically synthesized solid phase oligosaccharide probes for carbohydrate-binding receptors. Journal of Immunological Methods, 2002, 264, 53-58.	1.4	5
105	Synergistic interactions of the two classes of ligand, sialyl-Lewis x fuco-oligosaccharides and short sulpho-motifs, with the P- and L-selectins: implications for therapeutic inhibitor designs. Immunology, 2002, 105, 350-359.	4.4	34
106	Oligosaccharide microarrays for high-throughput detection and specificity assignments of carbohydrate-protein interactions. Nature Biotechnology, 2002, 20, 1011-1017.	17.5	613
107	Synthesis and selectin-binding activity of N-deacetylsialyl Lewis X ganglioside. Carbohydrate Research, 2002, 337, 2111-2117.	2.3	12
108	NMR studies of mannitol-terminating oligosaccharides derived by reductive alkaline hydrolysis from brain glycoproteins. Carbohydrate Research, 2001, 331, 393-401.	2.3	13

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109	New structural insights into lectin-type proteins of the immune system. <i>Current Opinion in Structural Biology</i> , 2001, 11, 635-643.	5.7	57
110	10E4 Antigen of Scrapie Lesions Contains an Unusual Nonsulfated Heparan Motif. <i>Journal of Biological Chemistry</i> , 2001, 276, 12539-12545.	3.4	59
111	A Monoclonal Antibody, MIN/3/60, that Recognizes the Sulpho-Lewisx and Sulpho-Lewis a Sequences Detects a Sub-Population of Epithelial Glycans in the Crypts of Human Colonic Epithelium. <i>Hybridoma</i> , 2001, 20, 223-229.	0.6	3
112	â€ˆGlyco-Epitopeâ€™™ Assignments for the Selectins: Advances Enabled By the Neoglycolipid (Ngl) Technology in Conjunction with Synthetic Carbohydrate Chemistryâ€™™. <i>Advances in Experimental Medicine and Biology</i> , 2001, 491, 65-78.	1.6	5
113	Carbohydrate Ligands for the Leukocyte-Endothelium Adhesion Molecules, Selectins. <i>Results and Problems in Cell Differentiation</i> , 2001, 33, 201-223.	0.7	20
114	Fluorescent neoglycolipids. <i>FEBS Journal</i> , 2000, 267, 1795-1804.	0.2	40
115	Carbohydrate-mediated recognition systems in innate immunity. <i>Immunological Reviews</i> , 2000, 173, 79-88.	6.0	152
116	An appreciation of Elvin A. Kabat (1914-2000): scientist, educator and a founder of modern carbohydrate biology. , 2000, 17, 439-442.		2
117	Progress in deciphering the information content of the 'glycome'--a crescendo in the closing years of the millennium. , 2000, 17, 553-565.		68
118	The Cysteine-Rich Domain of the Macrophage Mannose Receptor Is a Multispecific Lectin That Recognizes Chondroitin Sulfates a and B and Sulfated Oligosaccharides of Blood Group Lewis a and Lewis x Types in Addition to the Sulfated <i>N</i>-Glycans of Lutropin. <i>Journal of Experimental Medicine</i> , 2000, 191, 1117-1126.	8.5	163
119	Crystal Structure of the Cysteine-Rich Domain of Mannose Receptor Complexed with a Sulfated Carbohydrate Ligand. <i>Journal of Experimental Medicine</i> , 2000, 191, 1105-1116.	8.5	123
120	Conformational Studies of the Man8 Oligosaccharide on Native Ribonuclease B and on the Reduced and Denatured Protein. <i>Archives of Biochemistry and Biophysics</i> , 2000, 383, 17-27.	3.0	28
121	Expression in <i>Escherichia coli</i> , Folding in Vitro, and Characterization of the Carbohydrate Recognition Domain of the Natural Killer Cell Receptor NKR-P1A. <i>Protein Expression and Purification</i> , 2000, 20, 10-20.	1.3	9
122	L-selectin Interactions with Novel Mono- and Multisulfated Lewis x Sequences in Comparison with the Potent Ligand 3â€™-Sulfated Lewis a. <i>Journal of Biological Chemistry</i> , 1999, 274, 18213-18217.	3.4	44
123	Recombinant GM2-activator protein stimulates in vivo degradation of GA2 in GM2 gangliosidosis AB variant fibroblasts but exhibits no detectable binding of GA2 in an in vitro assay. <i>Neurochemical Research</i> , 1999, 24, 295-300.	3.3	14
124	Influence of oligosaccharide presentation on the interactions of carbohydrate sequence-specific antibodies and the selectins. <i>Journal of Immunological Methods</i> , 1999, 227, 109-119.	1.4	36
125	Novel oligosaccharide ligands and ligand-processing pathways for the selectins. <i>Trends in Biochemical Sciences</i> , 1999, 24, 369-372.	7.5	28
126	High prevalence of 2-mono- and 2,6-di-substituted Manol-terminating sequences among O-glycans released from brain glycopeptides by reductive alkaline hydrolysis. <i>FEBS Journal</i> , 1999, 263, 879-888.	0.2	119

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127	Core-Branching Pattern and Sequence Analysis of Mannitol-Terminating Oligosaccharides by Neoglycolipid Technology. <i>Analytical Biochemistry</i> , 1999, 270, 314-322.	2.4	18
128	The First Total Synthesis of 6-Sulfo-de-N-acetylsialyl Lewisx Ganglioside: A Superior Ligand for Human L-Selectin. <i>Angewandte Chemie - International Edition</i> , 1999, 38, 1131-1133.	13.8	75
129	Recombinant Soluble Human CD69 Dimer Produced in <i>Escherichia coli</i> : Reevaluation of Saccharide Binding. <i>Biochemical and Biophysical Research Communications</i> , 1999, 266, 19-23.	2.1	16
130	Re-evaluation of Monosaccharide Binding Property of Recombinant Soluble Carbohydrate Recognition Domain of the Natural Killer Cell Receptor NKR-P1A. <i>Journal of Biological Chemistry</i> , 1999, 274, 30335-30336.	3.4	14
131	Lewisx/Sialyl-Lewisx (CD15/CD15S). , 1998, , 1576-1579.		0
132	Cold Agglutinins. , 1998, , 593-596.		0
133	Carbohydrate Recognition Systems in Innate Immunity. <i>Advances in Experimental Medicine and Biology</i> , 1998, 435, 51-54.	1.6	8
134	Brain Contains HNK-1 Immunoreactive O-Glycans of the Sulfoglucuronyl Lactosamine Series that Terminate in 2-Linked or 2,6-Linked Hexose (Mannose). <i>Journal of Biological Chemistry</i> , 1997, 272, 8924-8931.	3.4	118
135	Carbohydrate differentiation antigens li, SSEA-1 (Lex) and related structures. <i>New Comprehensive Biochemistry</i> , 1997, 29, 571-586.	0.1	2
136	Valency Dependent Patterns of Binding of Human L-Selectin toward Sialyl and Sulfated Oligosaccharides of Lea and Lex Types:â€‰ Relevance to Anti-Adhesion Therapeutics. <i>Biochemistry</i> , 1997, 36, 5260-5266.	2.5	52
137	Sialyl-LewisxSequence 6-O-Sulfated atN-Acetylglucosamine Rather Than at Galactose Is the Preferred Ligand forL-Selectin and De-N-acetylation of the Sialic Acid Enhances the Binding Strength. <i>Biochemical and Biophysical Research Communications</i> , 1997, 240, 748-751.	2.1	87
138	Preparation of Neoglycolipids for Structure and Function Assignments of Oligosaccharides. , 1997, , 329-348.		4
139	Two Families of Murine Carbohydrate Ligands for E-Selectin. <i>Biochemical and Biophysical Research Communications</i> , 1996, 218, 610-615.	2.1	22
140	Carbohydrates and glycoconjugates the coming of age for oligosaccharide ligands and databases for saccharide structures. <i>Current Opinion in Structural Biology</i> , 1996, 6, 659-662.	5.7	14
141	Carbohydrate recognition systems: functional triads in cellâ€‰cell interactions. <i>Current Opinion in Structural Biology</i> , 1996, 6, 679-691.	5.7	301
142	Conformational Studies on the Selectin and Natural Killer Cell Receptor Ligands Sulfo- and Sialyl-lacto-N-fucopentaoses (SuLNFPiI and SLNFPiI) Using NMR Spectroscopy and Molecular Dynamics Simulations. Comparisons with the Nonacidic Parent Molecule LNFPiIâ€‰. <i>Biochemistry</i> , 1996, 35, 1954-1964.	2.5	29
143	Carbohydrate Recognition by <i>Mycoplasma pneumoniae</i> and Pathologic Consequences. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1996, 154, S133-S136.	5.6	24
144	The Le ^x Carbohydrate Sequence Is Recognized by Antibody to L5, a Functional Antigen in Early Neural Development. <i>Journal of Neurochemistry</i> , 1996, 66, 834-844.	3.9	78

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