

Ten Feizi

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

243
papers

15,573
citations

64
h-index

118
g-index

258
ext. papers

16,688
ext. citations

9.7
avg, IF

6.16
L-index

#	Paper	IF	Citations
243	Siglec-15 recognition of sialoglycans on tumor cell lines can occur independently of sialyl Tn antigen expression. <i>Glycobiology</i> , 2021 , 31, 44-54	5.8	13
242	Mapping Molecular Recognition of α ,3-1,4-Glucans by a Surface Glycan-Binding Protein from the Human Gut Symbiont <i>Bacteroides ovatus</i> . <i>Microbiology Spectrum</i> , 2021 , e0182621	8.9	1
241	Defining the Glycosaminoglycan Interactions of Complement Factor H-Related Protein 5. <i>Journal of Immunology</i> , 2021 , 207, 534-541	5.3	2
240	<i>Helicobacter pylori</i> lipopolysaccharide structural domains and their recognition by immune proteins revealed with carbohydrate microarrays. <i>Carbohydrate Polymers</i> , 2021 , 253, 117350	10.3	2
239	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	7.6	31
238	Chikungunya Virus Strains from Each Genetic Clade Bind Sulfated Glycosaminoglycans as Attachment Factors. <i>Journal of Virology</i> , 2020 , 94,	6.6	6
237	GlyGen: Computational and Informatics Resources for Glycoscience. <i>Glycobiology</i> , 2020 , 30, 72-73	5.8	53
236	Nanolithography of biointerfaces. <i>Faraday Discussions</i> , 2019 , 219, 262-275	3.6	
235	Sulfated Glycosaminoglycans as Viral Decoy Receptors for Human Adenovirus Type 37. <i>Viruses</i> , 2019 , 11,	6.2	24
234	Glycan Markers of Human Stem Cells Assigned with Beam Search Arrays. <i>Molecular and Cellular Proteomics</i> , 2019 , 18, 1981-2002	7.6	6
233	New directions in surface functionalization and characterization: general discussion. <i>Faraday Discussions</i> , 2019 , 219, 252-261	3.6	
232	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	50.4	107
231	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	11.5	50
230	Insights Into Glucan Polysaccharide Recognition Using Glucooligosaccharide Microarrays With Oxime-Linked Neoglycolipid Probes. <i>Methods in Enzymology</i> , 2018 , 598, 139-167	1.7	4
229	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	3.5	1
228	The neoglycolipid (NGL) technology-based microarrays and future prospects. <i>FEBS Letters</i> , 2018 , 592, 3976-3991	3.8	24
227	O-Glycome Beam Search Arrays for Carbohydrate Ligand Discovery. <i>Molecular and Cellular Proteomics</i> , 2018 , 17, 121-133	7.6	20

226	Single human B cell-derived monoclonal anti-Candida antibodies enhance phagocytosis and protect against disseminated candidiasis. <i>Nature Communications</i> , 2018 , 9, 5288	17.4	33
225	Binding of CLL subset 4 B-cell receptor immunoglobulins to viable human memory B lymphocytes requires a distinctive IGKV somatic mutation. <i>Molecular Medicine</i> , 2017 , 23, 1-12	6.2	8
224	Yeast expressed ArtinM shares structure, carbohydrate recognition, and biological effects with native ArtinM. <i>International Journal of Biological Macromolecules</i> , 2016 , 82, 22-30	7.9	8
223	Glycan Specificity of P[19] Rotavirus and Comparison with Those of Related P Genotypes. <i>Journal of Virology</i> , 2016 , 90, 9983-9996	6.6	38
222	Abnormally High Content of Free Glucosamine Residues Identified in a Preparation of Commercially Available Porcine Intestinal Heparan Sulfate. <i>Analytical Chemistry</i> , 2016 , 88, 6648-52	7.8	7
221	Generation and characterization of β ,2-gluco-oligosaccharide probes from <i>Brucella abortus</i> cyclic β -glucan and their recognition by C-type lectins of the immune system. <i>Glycobiology</i> , 2016 , 26, 1086-1096	5.8	13
220	Protein O-Mannosylation in the Murine Brain: Occurrence of Mono-O-Mannosyl Glycans and Identification of New Substrates. <i>PLoS ONE</i> , 2016 , 11, e0166119	3.7	17
219	Effects of egg-adaptation on receptor-binding and antigenic properties of recent influenza A (H3N2) vaccine viruses. <i>Journal of General Virology</i> , 2016 , 97, 1333-1344	4.9	51
218	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	5.8	44
217	Notum deacylates Wnt proteins to suppress signalling activity. <i>Nature</i> , 2015 , 519, 187-192	50.4	262
216	Human adenovirus 52 uses sialic acid-containing glycoproteins and the coxsackie and adenovirus receptor for binding to target cells. <i>PLoS Pathogens</i> , 2015 , 11, e1004657	7.6	41
215	Unravelling glucan recognition systems by glycome microarrays using the designer approach and mass spectrometry. <i>Molecular and Cellular Proteomics</i> , 2015 , 14, 974-88	7.6	42
214	Total syntheses of disulphated glycosphingolipid SB1a and the related monosulphated SM1a. <i>Organic and Biomolecular Chemistry</i> , 2015 , 13, 11105-17	3.9	5
213	Negative-Ion Electrospray Tandem Mass Spectrometry and Microarray Analyses of Developmentally Regulated Antigens Based on Type 1 and Type 2 Backbone Sequences. <i>Analytical Chemistry</i> , 2015 , 87, 11871-8	7.8	12
212	Defining the Interaction of Human Soluble Lectin ZG16p and Mycobacterial Phosphatidylinositol Mannosides. <i>ChemBioChem</i> , 2015 , 16, 1502-11	3.8	20
211	Neoglycolipid (NGL)-Based Glycan Microarray System for Ligand Discovery 2015 , 25-34		
210	The neoglycolipid (NGL)-based oligosaccharide microarray system poised to decipher the meta-glycome. <i>Current Opinion in Chemical Biology</i> , 2014 , 18, 87-94	9.7	70
209	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, 6100-11	6.6	31

208	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	5.4	8
207	Determination of carbohydrate structure recognized by prostate-specific F77 monoclonal antibody through expression analysis of glycosyltransferase genes. <i>Journal of Biological Chemistry</i> , 2014 , 289, 16478-86	5.4	26
206	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, 16462-77	5.4	44
205	Structural basis for multiple sugar recognition of Jacalin-related human ZG16p lectin. <i>Journal of Biological Chemistry</i> , 2014 , 289, 16954-65	5.4	25
204	MIRAGE: the minimum information required for a glycomics experiment. <i>Glycobiology</i> , 2014 , 24, 402-6	5.8	84
203	Broadly neutralizing HIV antibodies define a glycan-dependent epitope on the prefusion conformation of gp41 on cleaved envelope trimers. <i>Immunity</i> , 2014 , 40, 657-68	32.3	286
202	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	
201	IGHV4-34 B-Cell Receptor Immunoglobulins from CLL Stereotyped Subset 4 React with Influenza A Virus: Requirement for IGHV-D-J/Iglv-J Rearrangement and Isotype Switching to IgG. <i>Blood</i> , 2014 , 124, 299-299	2.2	
200	Neoglycolipid (NGL)-Based Glycan Microarray System for Ligand Discovery 2014 , 1-9		
199	Neoglycolipid (NGL)-Based Glycan Microarray System for Ligand Discovery 2014 , 1-9		
198	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	17.6	274
197	A structure-guided mutation in the major capsid protein retargets BK polyomavirus. <i>PLoS Pathogens</i> , 2013 , 9, e1003688	7.6	55
196	Structures of B-lymphotropic polyomavirus VP1 in complex with oligosaccharide ligands. <i>PLoS Pathogens</i> , 2013 , 9, e1003714	7.6	21
195	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	6.5	18
194	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, 1818-36	3.9	48
193	Neoglycolipid-based "designer" oligosaccharide microarrays to define Eglucan ligands for Dectin-1. <i>Methods in Molecular Biology</i> , 2012 , 808, 337-59	1.4	6
192	Neoglycolipid-based oligosaccharide microarray system: preparation of NGLs and their noncovalent immobilization on nitrocellulose-coated glass slides for microarray analyses. <i>Methods in Molecular Biology</i> , 2012 , 808, 117-36	1.4	52
191	Broad neutralization by a combination of antibodies recognizing the CD4 binding site and a new conformational epitope on the HIV-1 envelope protein. <i>Journal of Experimental Medicine</i> , 2012 , 209, 1469-79	16.6	131

190	The GM2 glycan serves as a functional coreceptor for serotype 1 reovirus. <i>PLoS Pathogens</i> , 2012 , 8, e1002678	7.6	76
189	Galactose recognition by the apicomplexan parasite <i>Toxoplasma gondii</i> . <i>Journal of Biological Chemistry</i> , 2012 , 287, 16720-33	5.4	37
188	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, 25964-74	5.4	86
187	Complex-type N-glycan recognition by potent broadly neutralizing HIV antibodies. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, E3268-77	11.5	409
186	The human epithelial carcinoma antigen recognized by monoclonal antibody AE3 is expressed on a sulfoglycolipid in addition to neoplastic mucins. <i>Biochemical and Biophysical Research Communications</i> , 2011 , 408, 548-52	3.4	19
185	Plant production of anti- β -glucan antibodies for immunotherapy of fungal infections in humans. <i>Plant Biotechnology Journal</i> , 2011 , 9, 776-87	11.6	21
184	Bacterial, fungal, and algal lectins: combatants in tug of war against HIV. <i>Structure</i> , 2011 , 19, 1035-7	5.2	1
183	A potent and broad neutralizing antibody recognizes and penetrates the HIV glycan shield. <i>Science</i> , 2011 , 334, 1097-103	33.3	576
182	An expression system for screening of proteins for glycan and protein interactions. <i>Analytical Biochemistry</i> , 2011 , 411, 261-70	3.1	12
181	The interactions of calreticulin with immunoglobulin G and immunoglobulin Y. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2011 , 1814, 889-99	4	7
180	Structural flexibility of the macrophage dengue virus receptor CLEC5A: implications for ligand binding and signaling. <i>Journal of Biological Chemistry</i> , 2011 , 286, 24208-18	5.4	38
179	Lateral sorting in model membranes by cholesterol-mediated hydrophobic matching. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011 , 108, 16628-33	11.5	117
178	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, 34522-32	5.4	37
177	The role of sialyl glycan recognition in host tissue tropism of the avian parasite <i>Eimeria tenella</i> . <i>PLoS Pathogens</i> , 2011 , 7, e1002296	7.6	48
176	GM1 structure determines SV40-induced membrane invagination and infection. <i>Nature Cell Biology</i> , 2010 , 12, 11-8; sup pp 1-12	23.4	461
175	Multifaceted approaches including neoglycolipid oligosaccharide microarrays to ligand discovery for malectin. <i>Methods in Enzymology</i> , 2010 , 478, 265-86	1.7	9
174	Polysaccharide mimicry of the epitope of the broadly neutralizing anti-HIV antibody, 2G12, induces enhanced antibody responses to self oligomannose glycans. <i>Glycobiology</i> , 2010 , 20, 812-23	5.8	67
173	Altered receptor specificity and cell tropism of D222G hemagglutinin mutants isolated from fatal cases of pandemic A(H1N1) 2009 influenza virus. <i>Journal of Virology</i> , 2010 , 84, 12069-74	6.6	167

172	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, 309-19	23.4	145
171	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, 14857-65	16.4	35
170	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, 2064-76	5.4	75
169	Protection by anti-beta-glucan antibodies is associated with restricted beta-1,3 glucan binding specificity and inhibition of fungal growth and adherence. <i>PLoS ONE</i> , 2009 , 4, e5392	3.7	161
168	Potent fluoro-oligosaccharide probes of adhesion in Toxoplasmosis. <i>ChemBioChem</i> , 2009 , 10, 2522-9	3.8	59
167	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, 1935-47	6.3	34
166	Receptor-binding specificity of pandemic influenza A (H1N1) 2009 virus determined by carbohydrate microarray. <i>Nature Biotechnology</i> , 2009 , 27, 797-9	44.5	270
165	O-glycosylation pattern of CD24 from mouse brain. <i>Biological Chemistry</i> , 2009 , 390, 627-45	4.5	65
164	Carbohydrate microarrays: key developments in glycobiology. <i>Biological Chemistry</i> , 2009 , 390, 647-56	4.5	109
163	Microarrays [A Key Technology for Glycobiology 2008 , 2121-2132		1
162	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, 3404-14	3.5	203
161	N-glycolyl GM1 ganglioside as a receptor for simian virus 40. <i>Journal of Virology</i> , 2007 , 81, 12846-58	6.6	133
160	Neoglycolipid probes prepared via oxime ligation for microarray analysis of oligosaccharide-protein interactions. <i>Chemistry and Biology</i> , 2007 , 14, 847-59		117
159	Atomic resolution insight into host cell recognition by <i>Toxoplasma gondii</i> . <i>EMBO Journal</i> , 2007 , 26, 2808-20		82
158	First synthesis of heparan sulfate tetrasaccharides containing both N-acetylated and N-unsubstituted glucosamine-search for putative 10E4 epitopes. <i>ChemBioChem</i> , 2006 , 7, 1856-8	3.8	16
157	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, 326-40	1.7	27
156	Ligands for the beta-glucan receptor, Dectin-1, assigned using "designer" microarrays of oligosaccharide probes (neoglycolipids) generated from glucan polysaccharides. <i>Journal of Biological Chemistry</i> , 2006 , 281, 5771-9	5.4	285
155	Carbohydrate microarrays reveal sulphation as a modulator of siglec binding. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 344, 1141-6	3.4	79

154	Neoglycolipids: Identification of Functional Carbohydrate Epitopes 2005 , 747-760		
153	Identification of a low affinity mannose 6-phosphate-binding site in domain 5 of the cation-independent mannose 6-phosphate receptor. <i>Journal of Biological Chemistry</i> , 2004 , 279, 38658-67	5.4	54
152	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. <i>International Immunology</i> , 2004 , 16, 853-66	4.9	121
151	Carbohydrate microarrays and the unravelling of ligands for effector proteins of the immune system. <i>International Journal of Experimental Pathology</i> , 2004 , 85, A51-A52	2.8	1
150	Oligosaccharide microarrays to decipher the glyco code. <i>Nature Reviews Molecular Cell Biology</i> , 2004 , 5, 582-8	48.7	223
149	Relative susceptibilities of the glucosamine-glucuronic acid and N-acetylglucosamine-glucuronic acid linkages to heparin lyase III. <i>Biochemistry</i> , 2004 , 43, 8590-9	3.2	17
148	Neoglycolipid technology: deciphering information content of glycome. <i>Methods in Enzymology</i> , 2003 , 362, 160-95	1.7	52
147	Carbohydrate microarrays - a new set of technologies at the frontiers of glycomics. <i>Current Opinion in Structural Biology</i> , 2003 , 13, 637-45	8.1	277
146	Oligosaccharide microarrays for glycomics. <i>Trends in Biotechnology</i> , 2003 , 21, 143	15.1	1
145	Interactions of the gastrotropic bacterium <i>Helicobacter pylori</i> with the leukocyte-endothelium adhesion molecules, the selectins--a preliminary report. <i>FEMS Immunology and Medical Microbiology</i> , 2003 , 36, 127-34		23
144	Chemically synthesized solid phase oligosaccharide probes for carbohydrate-binding receptors. Interactions of the E-, L- and P-selectins with sialyl-Le(x) and O-sulphated forms linked to biotin or to polyacrylamide. <i>Journal of Immunological Methods</i> , 2002 , 264, 53-8	2.5	4
143	Synergistic interactions of the two classes of ligand, sialyl-Lewis(a/x) fuco-oligosaccharides and short sulpho-motifs, with the P- and L-selectins: implications for therapeutic inhibitor designs. <i>Immunology</i> , 2002 , 105, 350-9	7.8	30
142	Oligosaccharide microarrays for high-throughput detection and specificity assignments of carbohydrate-protein interactions. <i>Nature Biotechnology</i> , 2002 , 20, 1011-7	44.5	554
141	Synthesis and selectin-binding activity of N-deacetylsialyl Lewis X ganglioside. <i>Carbohydrate Research</i> , 2002 , 337, 2111-7	2.9	11
140	An investigation of the interactions of E-selectin with fuco-oligosaccharides of the blood group family. <i>Glycobiology</i> , 2002 , 12, 829-35	5.8	14
139	Mannose receptor-mediated regulation of serum glycoprotein homeostasis. <i>Science</i> , 2002 , 295, 1898-903	33.3	392
138	NMR studies of mannitol-terminating oligosaccharides derived by reductive alkaline hydrolysis from brain glycoproteins. <i>Carbohydrate Research</i> , 2001 , 331, 393-401	2.9	11
137	New structural insights into lectin-type proteins of the immune system. <i>Current Opinion in Structural Biology</i> , 2001 , 11, 635-43	8.1	52

136	10E4 antigen of Scrapie lesions contains an unusual nonsulfated heparan motif. <i>Journal of Biological Chemistry</i> , 2001 , 276, 12539-45	5.4	56
135	A monoclonal antibody, MIN/3/60, that recognizes the sulpho-Lewis(x) and sulpho-Lewis(a) sequences detects a sub-population of epithelial glycans in the crypts of human colonic epithelium. <i>Hybridoma</i> , 2001 , 20, 223-9		2
134	Carbohydrate ligands for the leukocyte-endothelium adhesion molecules, selectins. <i>Results and Problems in Cell Differentiation</i> , 2001 , 33, 201-23	1.4	18
133	'Glyco-epitope' assignments for the selectins: advances enabled by the neoglycolipid (NGL) technology in conjunction with synthetic carbohydrate chemistry. <i>Advances in Experimental Medicine and Biology</i> , 2001 , 491, 65-78	3.6	5
132	Fluorescent neoglycolipids. Improved probes for oligosaccharide ligand discovery. <i>FEBS Journal</i> , 2000 , 267, 1795-804		38
131	Carbohydrate-mediated recognition systems in innate immunity. <i>Immunological Reviews</i> , 2000 , 173, 79-88	1.3	140
130	An appreciation of Elvin A. Kabat (1914-2000): scientist, educator and a founder of modern carbohydrate biology. <i>Glycoconjugate Journal</i> , 2000 , 17, 439-42	3	2
129	Progress in deciphering the information content of the 'glycome'--a crescendo in the closing years of the millennium. <i>Glycoconjugate Journal</i> , 2000 , 17, 553-65	3	58
128	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 N-glycans of lutropin. <i>Journal of Experimental Medicine</i> , 2000 , 191, 1117-26	16.6	147
127	Crystal structure of the cysteine-rich domain of mannose receptor complexed with a sulfated carbohydrate ligand. <i>Journal of Experimental Medicine</i> , 2000 , 191, 1105-16	16.6	109
126	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	4.1	26
125	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	2	9
124	L-selectin interactions with novel mono- and multisulfated Lewisx sequences in comparison with the potent ligand 3'-sulfated Lewisa. <i>Journal of Biological Chemistry</i> , 1999 , 274, 18213-7	5.4	41
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	4.6	13
122	Influence of oligosaccharide presentation on the interactions of carbohydrate sequence-specific antibodies and the selectins. Observations with biotinylated oligosaccharides. <i>Journal of Immunological Methods</i> , 1999 , 227, 109-19	2.5	36
121	Novel oligosaccharide ligands and ligand-processing pathways for the selectins. <i>Trends in Biochemical Sciences</i> , 1999 , 24, 369-72	10.3	27
120	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, 879-88		110
119	Core-branching pattern and sequence analysis of manitol-terminating oligosaccharides by neoglycolipid technology. <i>Analytical Biochemistry</i> , 1999 , 270, 314-22	3.1	18

118	Die erste Totalsynthese des 6-Sulfo-de-N-acetylsialyl-Lewisx-Gangliosids: ein hervorragender Ligand für menschliches L-Selectin. <i>Angewandte Chemie</i> , 1999 , 111, 1203-1206	3.6	5
117	The First Total Synthesis of 6-Sulfo-de-N-acetylsialyl Lewis(x) Ganglioside: A Superior Ligand for Human L-Selectin. <i>Angewandte Chemie - International Edition</i> , 1999 , 38, 1131-3	16.4	71
116	Recombinant soluble human CD69 dimer produced in Escherichia coli: reevaluation of saccharide binding. <i>Biochemical and Biophysical Research Communications</i> , 1999 , 266, 19-23	3.4	16
115	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	5.4	10
114	Lewisx/Sialyl-Lewisx (CD15/CD15S) 1998 , 1576-1579		
113	Cold Agglutinins 1998 , 593-596		
112	Carbohydrate recognition systems in innate immunity. <i>Advances in Experimental Medicine and Biology</i> , 1998 , 435, 51-4	3.6	7
111	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, 8924-31	5.4	101
110	Carbohydrate differentiation antigens Ii, SSEA-1 (Lex) and related structures: Prototype mammalian carbohydrate antigens that serve as ligands in molecular recognition. <i>New Comprehensive Biochemistry</i> , 1997 , 29, 571-586		2
109	Valency dependent patterns of binding of human L-selectin toward sialyl and sulfated oligosaccharides of Le(a) and Le(x) types: relevance to anti-adhesion therapeutics. <i>Biochemistry</i> , 1997 , 36, 5260-6	3.2	46
108	Sialyl-Lewis(x) sequence 6-O-sulfated at N-acetylglucosamine rather than at galactose is the preferred ligand for L-selectin and de-N-acetylation of the sialic acid enhances the binding strength. <i>Biochemical and Biophysical Research Communications</i> , 1997 , 240, 748-51	3.4	80
107	Preparation of Neoglycolipids for Structure and Function Assignments of Oligosaccharides 1997 , 329-348		3
106	Carbohydrate recognition by Mycoplasma pneumoniae and pathologic consequences. <i>American Journal of Respiratory and Critical Care Medicine</i> , 1996 , 154, S133-6	10.2	18
105	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, 834-44	6	71
104	Two families of murine carbohydrate ligands for E-selectin. <i>Biochemical and Biophysical Research Communications</i> , 1996 , 218, 610-5	3.4	21
103	Carbohydrate recognition systems: functional triads in cell-cell interactions. <i>Current Opinion in Structural Biology</i> , 1996 , 6, 679-91	8.1	283
102	Conformational studies on the selectin and natural killer cell receptor ligands sulfo- and sialyl-lacto-N-fucopentaoses (SuLNFP II and SLNFP II) using NMR spectroscopy and molecular dynamics simulations. Comparisons with the nonacidic parent molecule LNFP II. <i>Biochemistry</i> , 1996 , 35, 1954-64	3.2	28
101	The cation-independent mannose-6-phosphate receptor binds to soluble GPI-linked proteins via mannose-6-phosphate. <i>FEBS Letters</i> , 1995 , 360, 34-38	3.8	6

100	Further studies of the binding specificity of the leukocyte adhesion molecule, L-selectin, towards sulphated oligosaccharides--suggestion of a link between the selectin- and the integrin-mediated lymphocyte adhesion systems. <i>Glycobiology</i> , 1995 , 5, 29-38	5.8	76
99	Neoglycolipids: probes of oligosaccharide structure, antigenicity, and function. <i>Methods in Enzymology</i> , 1994 , 230, 484-519	1.7	99
98	Recognition of the major cell surface glycoconjugates of Leishmania parasites by the human serum mannan-binding protein. <i>Molecular and Biochemical Parasitology</i> , 1994 , 66, 319-28	1.9	80
97	Oligosaccharide ligands for NKR-P1 protein activate NK cells and cytotoxicity. <i>Nature</i> , 1994 , 372, 150-7	50.4	254
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