

Ten Feizi

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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	Demonstration by monoclonal antibodies that carbohydrate structures of glycoproteins and glycolipids are onco-developmental antigens. <i>Nature</i> , 1985 , 314, 53-7	50.4	1163
242	A potent and broad neutralizing antibody recognizes and penetrates the HIV glycan shield. <i>Science</i> , 2011 , 334, 1097-103	33.3	576
241	Oligosaccharide microarrays for high-throughput detection and specificity assignments of carbohydrate-protein interactions. <i>Nature Biotechnology</i> , 2002 , 20, 1011-7	44.5	554
240	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
239	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
238	Mannose receptor-mediated regulation of serum glycoprotein homeostasis. <i>Science</i> , 2002 , 295, 1898-903	33.3	392
237	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
236	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
235	Carbohydrate recognition systems: functional triads in cell-cell interactions. <i>Current Opinion in Structural Biology</i> , 1996 , 6, 679-91	8.1	283
234	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
233	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
232	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
231	Notum deacylates Wnt proteins to suppress signalling activity. <i>Nature</i> , 2015 , 519, 187-192	50.4	262
230	Oligosaccharide ligands for NKR-P1 protein activate NK cells and cytotoxicity. <i>Nature</i> , 1994 , 372, 150-7	50.4	254
229	Novel sulfated ligands for the cell adhesion molecule E-selectin revealed by the neoglycolipid technology among O-linked oligosaccharides on an ovarian cystadenoma glycoprotein. <i>Biochemistry</i> , 1992 , 31, 9126-31	3.2	241
228	Oligosaccharide microarrays to decipher the glyco code. <i>Nature Reviews Molecular Cell Biology</i> , 2004 , 5, 582-8	48.7	223
227	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

226	Oligosaccharides that mediate mammalian cell-cell adhesion. <i>Current Opinion in Structural Biology</i> , 1993 , 3, 701-710	8.1	199
225	The antigenic determinants recognized by three monoclonal antibodies to keratan sulphate involve sulphated hepta- or larger oligosaccharides of the poly(N-acetylglucosamine) series. <i>FEBS Journal</i> , 1986 , 157, 385-91		195
224	Crosslinking of mammalian lectin (galectin-1) by complex biantennary saccharides. <i>Nature Structural and Molecular Biology</i> , 1994 , 1, 863-70	17.6	193
223	Erythrocyte receptors for <i>Mycoplasma pneumoniae</i> are sialylated oligosaccharides of ii antigen type. <i>Nature</i> , 1984 , 307, 560-3	50.4	187
222	Blood group i and I activities of "lacto-N-norhexaosylceramide" and its analogues: the structural requirements for i-specificities. <i>Biochemical and Biophysical Research Communications</i> , 1978 , 81, 1286-93 ³⁻⁴		181
221	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
220	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
219	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
218	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
217	Carbohydrate-mediated recognition systems in innate immunity. <i>Immunological Reviews</i> , 2000 , 173, 79-88 ^{1,3}		140
216	Carbohydrate differentiation antigens: probable ligands for cell adhesion molecules. <i>Trends in Biochemical Sciences</i> , 1991 , 16, 84-6	10.3	138
215	Marker of peripheral blood granulocytes and monocytes of man recognized by two monoclonal antibodies VEP8 and VEP9 involves the trisaccharide 3-fucosyl-N-acetylglucosamine. <i>European Journal of Immunology</i> , 1983 , 13, 306-12	6.1	134
214	N-glycolyl GM1 ganglioside as a receptor for simian virus 40. <i>Journal of Virology</i> , 2007 , 81, 12846-58	6.6	133
213	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
212	Immunochemical studies on blood groups. XLVII. The I antigen complex--precursors in the A, B, H, Lea, and leb blood group system--hemagglutination-inhibition studies. <i>Journal of Experimental Medicine</i> , 1971 , 133, 39-52	16.6	126
211	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
210	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
209	Neoglycolipid probes prepared via oxime ligation for microarray analysis of oligosaccharide-protein interactions. <i>Chemistry and Biology</i> , 2007 , 14, 847-59		117

208	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
207	Carbohydrate microarrays: key developments in glycobiology. <i>Biological Chemistry</i> , 2009 , 390, 647-56	4.5	109
206	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
205	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
204	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
203	Structural analysis of the O-glycosidically linked core-region oligosaccharides of human meconium glycoproteins which express oncofoetal antigens. <i>FEBS Journal</i> , 1985 , 148, 367-77		100
202	Neoglycolipids: probes of oligosaccharide structure, antigenicity, and function. <i>Methods in Enzymology</i> , 1994 , 230, 484-519	1.7	99
201	Tumour-associated and differentiation antigens on the carbohydrate moieties of mucin-type glycoproteins. <i>Biochemical Society Transactions</i> , 1984 , 12, 591-6	5.1	99
200	Immunochemical studies on blood groups. LIV. Classification of anti-I and anti-i sera into groups based on reactivity patterns with various antigens related to the blood group A,B,H, Le a, Le b and precursor substances. <i>Journal of Experimental Medicine</i> , 1972 , 135, 1247-58	16.6	94
199	Evidence for the occurrence of O-glycosidically linked oligosaccharides of poly-N-acetyllactosamine type on the human leucocyte common antigen. <i>Biochemical and Biophysical Research Communications</i> , 1983 , 110, 424-31	3.4	87
198	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
197	Carbohydrate differentiation antigens. <i>Trends in Biochemical Sciences</i> , 1981 , 6, 333-335	10.3	86
196	MIRAGE: the minimum information required for a glycomics experiment. <i>Glycobiology</i> , 2014 , 24, 402-6	5.8	84
195	Atomic resolution insight into host cell recognition by <i>Toxoplasma gondii</i> . <i>EMBO Journal</i> , 2007 , 26, 2808-20	3.0	82
194	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
193	Recognition of the major cell surface glycoconjugates of <i>Leishmania</i> parasites by the human serum mannan-binding protein. <i>Molecular and Biochemical Parasitology</i> , 1994 , 66, 319-28	1.9	80
192	Carbohydrate microarrays reveal sulphation as a modulator of siglec binding. <i>Biochemical and Biophysical Research Communications</i> , 2006 , 344, 1141-6	3.4	79
191	The GM2 glycan serves as a functional coreceptor for serotype 1 reovirus. <i>PLoS Pathogens</i> , 2012 , 8, e1003078	3.0	76

190	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
189	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
188	¹ H-NMR studies at 500 MHz of a neutral disaccharide and sulphated di-, tetra-, hexa- and larger oligosaccharides obtained by endo-beta-galactosidase treatment of keratan sulphate. <i>FEBS Journal</i> , 1986 , 157, 375-84		74
187	Oligosaccharide-mediated interactions of the envelope glycoprotein gp120 of HIV-1 that are independent of CD4 recognition. <i>Aids</i> , 1989 , 3, 793-8	3.5	73
186	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
185	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
184	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
183	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
182	AIDS and glycosylation. <i>Glycobiology</i> , 1990 , 1, 17-23	5.8	66
181	O-glycosylation pattern of CD24 from mouse brain. <i>Biological Chemistry</i> , 2009 , 390, 627-45	4.5	65
180	Neutral oligosaccharides of bovine submaxillary mucin. A combined mass spectrometry and ¹ H-NMR study. <i>FEBS Journal</i> , 1992 , 203, 257-68		64
179	Potent fluoro-oligosaccharide probes of adhesion in Toxoplasmosis. <i>ChemBioChem</i> , 2009 , 10, 2522-9	3.8	59
178	Isolation and characterization of sulphated oligosaccharides released from bovine corneal keratan sulphate by the action of endo-beta-galactosidase. <i>FEBS Journal</i> , 1986 , 157, 365-73		59
177	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
176	10E4 antigen of Scrapie lesions contains an unusual nonsulfated heparan motif. <i>Journal of Biological Chemistry</i> , 2001 , 276, 12539-45	5.4	56
175	A structure-guided mutation in the major capsid protein retargets BK polyomavirus. <i>PLoS Pathogens</i> , 2013 , 9, e1003688	7.6	55
174	Cold agglutinins, the direct coombs' test and serum immunoglobulins in <i>Mycoplasma pneumoniae</i> infection. <i>Annals of the New York Academy of Sciences</i> , 1967 , 143, 801-12	6.5	55
173	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

172	Structural characterization by chromatographic profiling of the oligosaccharides of human immunodeficiency virus (HIV) recombinant envelope glycoprotein gp120 produced in Chinese hamster ovary cells. <i>Biomedical Chromatography</i> , 1988 , 2, 260-70	1.7	53
171	GlyGen: Computational and Informatics Resources for Glycoscience. <i>Glycobiology</i> , 2020 , 30, 72-73	5.8	53
170	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
169	Neoglycolipid technology: deciphering information content of glycome. <i>Methods in Enzymology</i> , 2003 , 362, 160-95	1.7	52
168	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
167	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
166	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
165	The adhesive specificity of the soluble human lectin, IgE-binding protein, toward lipid-linked oligosaccharides. Presence of the blood group A, B, B-like, and H monosaccharides confers a binding activity to tetrasaccharide (lacto-N-tetraose and lacto-N-neotetraose) backbones. <i>Journal of Biological Chemistry</i> , 1991 , 266, 12112-12118	3.2	50
164	Microscale sequencing of O-linked oligosaccharides using mild periodate oxidation of alditols, coupling to phospholipid and TLC-MS analysis of the resulting neoglycolipids. <i>FEBS Journal</i> , 1990 , 189, 499-507		49
163	High-sensitivity structural analyses of oligosaccharide probes (neoglycolipids) by liquid-secondary-ion mass spectrometry. <i>Carbohydrate Research</i> , 1990 , 200, 47-57	2.9	49
162	The monoclonal antibody anti-SSEA-1 discriminates between fucosylated type 1 and type 2 blood group chains. <i>FEBS Letters</i> , 1981 , 131, 279-82	3.8	49
161	Blood-group precursors and cancer-related antigens. <i>Lancet, The</i> , 1975 , 2, 391-3	4.0	49
160	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
159	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
158	Two mouse hybridoma antibodies against human milk-fat globules recognise the I(Ma) antigenic determinant beta-D-Galp-(1 leads to 4)-beta-D-GlcpNAc-(1 leads to 6). <i>Carbohydrate Research</i> , 1983 , 120, 293-302	2.9	47
157	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
156	Structural analysis of hexa- to octa-saccharide fractions isolated from sheep gastric-glycoproteins having blood-group I and i activities. <i>Carbohydrate Research</i> , 1981 , 90, 283-307	2.9	46
155	Differences in carbohydrate moieties of high molecular weight glycoproteins of human lymphocytes of T and B origins revealed by monoclonal autoantibodies with anti-I and anti-i specificities. <i>Biochemical and Biophysical Research Communications</i> , 1981 , 102, 1158-64	3.4	45

154	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
153	Transformation and growth related changes in levels of nuclear and cytoplasmic proteins antigenically related to mammalian beta-galactoside-binding lectin. <i>Biochemical and Biophysical Research Communications</i> , 1985 , 127, 680-6	3.4	44
152	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
151	Calf heart lectin reacts with blood group II antigens and other precursor chains of the major blood group antigens. <i>FEBS Letters</i> , 1979 , 99, 175-9	3.8	43
150	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
149	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
148	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
147	A new O-glycosidically linked tri-hexosamine core structure in sheep gastric mucin: a preliminary note. <i>Biochemical and Biophysical Research Communications</i> , 1980 , 92, 1143-50	3.4	41
146	New type of adhesive specificity revealed by oligosaccharide probes in Escherichia coli from patients with urinary tract infection. <i>Lancet, The</i> , 1988 , 2, 1327-30	4.0	40
145	Species differences in the expression of carbohydrate differentiation antigens on mammalian blood cells revealed by immunofluorescence with monoclonal antibodies. <i>Bioscience Reports</i> , 1984 , 4, 673-85	4.1	40
144	Expression of blood group I and i active carbohydrate sequences on cultured human and animal cell lines assessed by radioimmunoassays with monoclonal cold agglutinins. <i>European Journal of Immunology</i> , 1980 , 10, 379-84	6.1	40
143	Studies of the binding specificity of the soluble 14,000-dalton bovine heart muscle lectin using immobilised glycolipids and neoglycolipids. <i>Carbohydrate Research</i> , 1991 , 213, 293-307	2.9	39
142	Characterisation by mass spectrometry and 500-MHz proton nuclear magnetic resonance spectroscopy of penta- and hexasaccharide chains of human foetal gastrointestinal mucins (meconium glycoproteins). <i>FEBS Journal</i> , 1989 , 186, 597-610		39
141	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
140	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
139	Fluorescent neoglycolipids. Improved probes for oligosaccharide ligand discovery. <i>FEBS Journal</i> , 2000 , 267, 1795-804		38
138	Peanut lectin and anti-II antibodies reveal structural differences among human gastrointestinal glycoproteins. <i>Molecular Immunology</i> , 1983 , 20, 1215-20	4.3	38
137	A multiplicity of erythrocyte glycolipids of the neolacto series revealed by immuno-thin-layer chromatography with monoclonal anti-I and anti-i antibodies. <i>Bioscience Reports</i> , 1983 , 3, 577-88	4.1	38

136	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
135	Galactose recognition by the apicomplexan parasite <i>Toxoplasma gondii</i> . <i>Journal of Biological Chemistry</i> , 2012 , 287, 16720-33	5.4	37
134	Neoglycolipid micro-immunoassays applied to the oligosaccharides of human milk galactosyltransferase detect blood-group related antigens on both O- and N-linked chains. <i>Carbohydrate Research</i> , 1987 , 161, 133-43	2.9	37
133	The effect of mild alkali and alkaline borohydride on the carbohydrate and peptide moieties of fetuin. <i>Biochemical Society Transactions</i> , 1984 , 12, 607-10	5.1	37
132	The emergence of antibodies with either identical or unrelated individual antigenic specificity during repeated immunizations with streptococcal vaccines. <i>Journal of Experimental Medicine</i> , 1970 , 131, 1169-89	16.6	37
131	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
130	Sulphate groups are involved in the antigenicity of keratan sulphate and mask i antigen expression on their poly-N-acetyllactosamine backbones. An immunochemical and chromatographic study of keratan sulphate oligosaccharides after desulphation or nitrosation. <i>FEBS Journal</i> , 1986 , 160, 537-45		36
129	Blood group I activities of synthetic oligosaccharides assessed by radioimmunoassay. <i>Immunochemistry</i> , 1978 , 15, 733-6		36
128	Production of cold agglutinins in rabbits immunized with human erythrocytes treated with <i>Mycoplasma pneumoniae</i> . <i>Nature</i> , 1969 , 222, 1253-6	50.4	36
127	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
126	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
125	Cell-cell adhesion and membrane glycosylation. <i>Current Opinion in Structural Biology</i> , 1991 , 1, 766-770	8.1	33
124	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
123	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
122	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
121	A radioimmunoassay for the measurement of blood group II activities: its application to glycoconjugates, oligosaccharides and intact cells. <i>Molecular Immunology</i> , 1979 , 16, 813-9	4.3	31
120	Activity of reduced oligosaccharides isolated from blood group H, Le-b and Le-a substances by alkaline borohydride degradation. <i>Biochemistry</i> , 1973 , 12, 5355-60	3.2	31
119	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

118	Blood group-related oligosaccharides are ligands in cell-adhesion events. <i>Biochemical Society Transactions</i> , 1992 , 20, 274-8	5.1	30
117	Monoclonal antibodies reveal saccharide structures of glycoproteins and glycolipids as differentiation and tumour-associated antigens. <i>Biochemical Society Transactions</i> , 1984 , 12, 545-9	5.1	30
116	Lymphocytes Forming Red Cell Rosettes in the Cold in Patients With Chronic Cold Agglutinin Disease. <i>Blood</i> , 1973 , 42, 753-762	2.2	30
115	Monotypic cold agglutinins in infection by mycoplasma pneumoniae. <i>Nature</i> , 1967 , 215, 540-2	50.4	30
114	Core-typing of O-linked glycans from human gastric mucins. Lack of evidence for the occurrence of the core sequence Gal1-6GalNAc. <i>FEBS Journal</i> , 1993 , 217, 645-55		29
113	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, 1051-61	3.2	28
112	Blood group I and i activities of straight chain and branched synthetic oligosaccharides related to the precursors of the major blood group antigens. <i>FEBS Letters</i> , 1979 , 104, 135-40	3.8	28
111	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
110	Novel oligosaccharide ligands and ligand-processing pathways for the selectins. <i>Trends in Biochemical Sciences</i> , 1999 , 24, 369-72	10.3	27
109	Amino acid sequence of beta-galactoside-binding bovine heart lectin. Member of a novel class of vertebrate proteins. <i>FEBS Letters</i> , 1987 , 214, 301-4	3.8	27
108	500-MHz 1H-n.m.r. and conformational studies of fucosyloligosaccharides recognised by monoclonal antibodies with specificities related to Le(a), Le(b), and SSEA-1. <i>Carbohydrate Research</i> , 1988 , 178, 67-78	2.9	27
107	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
106	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
105	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
104	Sulfated Glycosaminoglycans as Viral Decoy Receptors for Human Adenovirus Type 37. <i>Viruses</i> , 2019 , 11,	6.2	24
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