

# Ten Feizi

## List of Publications by Year in descending order

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245  
papers

17,926  
citations

14614

66  
h-index

15683

125  
g-index

258  
all docs

258  
docs citations

258  
times ranked

13494  
citing authors

#	ARTICLE	IF	CITATIONS
1	Demonstration by monoclonal antibodies that carbohydrate structures of glycoproteins and glycolipids are onco-developmental antigens. <i>Nature</i> , 1985, 314, 53-57.	13.7	1,270
2	A Potent and Broad Neutralizing Antibody Recognizes and Penetrates the HIV Glycan Shield. <i>Science</i> , 2011, 334, 1097-1103.	6.0	644
3	Oligosaccharide microarrays for high-throughput detection and specificity assignments of carbohydrate-protein interactions. <i>Nature Biotechnology</i> , 2002, 20, 1011-1017.	9.4	613
4	GM1 structure determines SV40-induced membrane invagination and infection. <i>Nature Cell Biology</i> , 2010, 12, 11-18.	4.6	535
5	Complex-type <i>N</i> -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.	3.3	505
6	Mannose Receptor-Mediated Regulation of Serum Glycoprotein Homeostasis. <i>Science</i> , 2002, 295, 1898-1901.	6.0	453
7	Notum deacylates Wnt proteins to suppress signalling activity. <i>Nature</i> , 2015, 519, 187-192.	13.7	348
8	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.	6.6	342
9	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, 5771-5779.	1.6	329
10	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.	3.6	314
11	Carbohydrate recognition systems: functional triads in cell-cell interactions. <i>Current Opinion in Structural Biology</i> , 1996, 6, 679-691.	2.6	301
12	Receptor-binding specificity of pandemic influenza A (H1N1) 2009 virus determined by carbohydrate microarray. <i>Nature Biotechnology</i> , 2009, 27, 797-799.	9.4	299
13	Carbohydrate microarrays - a new set of technologies at the frontiers of glycomics. <i>Current Opinion in Structural Biology</i> , 2003, 13, 637-645.	2.6	290
14	Oligosaccharide ligands for NKR-P1 protein activate NK cells and cytotoxicity. <i>Nature</i> , 1994, 372, 150-157.	13.7	282
15	Malectin: A Novel Carbohydrate-binding Protein of the Endoplasmic Reticulum and a Candidate Player in the Early Steps of Protein <i>N</i> -Glycosylation. <i>Molecular Biology of the Cell</i> , 2008, 19, 3404-3414.	0.9	263
16	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, 9126-9131.	1.2	261
17	Oligosaccharide microarrays to decipher the glyco code. <i>Nature Reviews Molecular Cell Biology</i> , 2004, 5, 582-588.	16.1	237
18	The antigenic determinants recognized by three monoclonal antibodies to keratan sulphate involve sulphated hepta- or larger oligosaccharides of the poly(N-acetyllactosamine) series. <i>FEBS Journal</i> , 1986, 157, 385-391.	0.2	221

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19	Crosslinking of mammalian lectin (galectin-1) by complex biantennary saccharides. <i>Nature Structural and Molecular Biology</i> , 1994, 1, 863-870.	3.6	218
20	Oligosaccharides that mediate mammalian cell-cell adhesion. <i>Current Opinion in Structural Biology</i> , 1993, 3, 701-710.	2.6	216
21	Erythrocyte receptors for <i>Mycoplasma pneumoniae</i> are sialylated oligosaccharides of Ii antigen type. <i>Nature</i> , 1984, 307, 560-563.	13.7	211
22	Blood group i and I activities of $\alpha$ -lacto-N-norhexaosylceramide and its analogues: The structural requirements for i-specificities. <i>Biochemical and Biophysical Research Communications</i> , 1978, 81, 1286-1293.	1.0	204
23	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, 12069-12074.	1.5	190
24	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.	1.1	184
25	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.	5.1	167
26	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 <sub>a</sub> and Lewis <sub>x</sub> Types in Addition to the Sulfated N-Glycans of Lutropin. <i>Journal of Experimental Medicine</i> , 2000, 191, 1117-1126.	4.2	163
27	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.	13.7	157
28	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, 1469-1479.	4.2	156
29	Carbohydrate differentiation antigens: probable ligands for cell adhesion molecules. <i>Trends in Biochemical Sciences</i> , 1991, 16, 84-86.	3.7	152
30	Carbohydrate-mediated recognition systems in innate immunity. <i>Immunological Reviews</i> , 2000, 173, 79-88.	2.8	152
31	<i>N</i> -Glycolyl GM1 Ganglioside as a Receptor for Simian Virus 40. <i>Journal of Virology</i> , 2007, 81, 12846-12858.	1.5	150
32	Marker of peripheral blood granulocytes and monocytes of man recognized by two monoclonal antibodies VEP8 and VEP9 involves the trisaccharide 3-fucosyl-N-acetyllactosamine. <i>European Journal of Immunology</i> , 1983, 13, 306-312.	1.6	148
33	IMMUNOCHEMICAL STUDIES ON BLOOD GROUPS. <i>Journal of Experimental Medicine</i> , 1971, 133, 39-52.	4.2	142
34	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, 853-866.	1.8	131
35	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, 16628-16633.	3.3	131
36	Neoglycolipid Probes Prepared via Oxime Ligation for Microarray Analysis of Oligosaccharide-Protein Interactions. <i>Chemistry and Biology</i> , 2007, 14, 847-859.	6.2	126

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37	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.	4.2	123
38	GlyGen: Computational and Informatics Resources for Glycoscience. <i>Glycobiology</i> , 2020, 30, 72-73.	1.3	123
39	Carbohydrate microarrays: key developments in glycobiology. <i>Biological Chemistry</i> , 2009, 390, 647-656.	1.2	120
40	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
41	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.	1.6	118
42	MIRAGE: The minimum information required for a glycomics experiment. <i>Glycobiology</i> , 2014, 24, 402-406.	1.3	116
43	[28] Neoglycolipids: Probes of oligosaccharide structure, antigenicity, and function. <i>Methods in Enzymology</i> , 1994, 230, 484-519.	0.4	113
44	Tumour-associated and differentiation antigens on the carbohydrate moieties of mucin-type glycoproteins. <i>Biochemical Society Transactions</i> , 1984, 12, 591-596.	1.6	111
45	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.	1.6	110
46	Structural analysis of the O-glycosidically linked core-region oligosaccharides of human meconium glycoproteins which express oncofoetal antigens. <i>FEBS Journal</i> , 1985, 148, 367-377.	0.2	109
47	IMMUNOCHEMICAL STUDIES ON BLOOD GROUPS. <i>Journal of Experimental Medicine</i> , 1972, 135, 1247-1258.	4.2	107
48	Atomic resolution insight into host cell recognition by <i>Toxoplasma gondii</i> . <i>EMBO Journal</i> , 2007, 26, 2808-2820.	3.5	98
49	Carbohydrate differentiation antigens. <i>Trends in Biochemical Sciences</i> , 1981, 6, 333-335.	3.7	97
50	The GM2 Glycan Serves as a Functional Coreceptor for Serotype 1 Reovirus. <i>PLoS Pathogens</i> , 2012, 8, e1003078.	2.1	93
51	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, 319-328.	0.5	91
52	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, 424-431.	1.0	90
53	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.	1.6	90
54	Sialyl-LewisX Sequence 6-O-Sulfated atN-Acetylglucosamine Rather Than at Galactose Is the Preferred Ligand for Selectin and De-N-acetylation of the Sialic Acid Enhances the Binding Strength. <i>Biochemical and Biophysical Research Communications</i> , 1997, 240, 748-751.	1.0	87

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55	Carbohydrate microarrays reveal sulphation as a modulator of siglec binding. <i>Biochemical and Biophysical Research Communications</i> , 2006, 344, 1141-1146.	1.0	85
56	Oligosaccharide-mediated interactions of the envelope glycoprotein gp120 of HIV-1 that are independent of CD4 recognition. <i>Aids</i> , 1989, 3, 793-798.	1.0	84
57	AIDS and glycosylation. <i>Glycobiology</i> , 1990, 1, 17-23.	1.3	84
58	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.	1.3	80
59	The neoglycolipid (NGL)-based oligosaccharide microarray system poised to decipher the meta-glycome. <i>Current Opinion in Chemical Biology</i> , 2014, 18, 87-94.	2.8	79
60	<sup>1</sup> 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, 375-384.	0.2	78
61	The Le <sup>x</sup> Carbohydrate Sequence Is Recognized by Antibody to L5, a Functional Antigen in Early Neural Development. <i>Journal of Neurochemistry</i> , 1996, 66, 834-844.	2.1	78
62	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, 812-823.	1.3	77
63	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.	7.2	75
64	O-glycosylation pattern of CD24 from mouse brain. <i>Biological Chemistry</i> , 2009, 390, 627-645.	1.2	74
65	Neutral oligosaccharides of bovine submaxillary mucin. A combined mass spectrometry and <sup>1</sup> H-NMR study. <i>FEBS Journal</i> , 1992, 203, 257-268.	0.2	72
66	A Structure-Guided Mutation in the Major Capsid Protein Retargets BK Polyomavirus. <i>PLoS Pathogens</i> , 2013, 9, e1003688.	2.1	70
67	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.	3.3	70
68	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
69	COLD AGGLUTININS, THE DIRECT COOMBS' TEST AND SERUM IMMUNOGLOBULINS IN MYCOPLASMA PNEUMONIAE INFECTION. <i>Annals of the New York Academy of Sciences</i> , 1967, 143, 801-812.	1.8	68
70	Progress in deciphering the information content of the 'glycome'—a crescendo in the closing years of the millennium. , 2000, 17, 553-565.		68
71	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.	1.3	66
72	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, 365-373.	0.2	64

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73	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, 117-136.	0.4	64
74	Potent Fluoro-oligosaccharide Probes of Adhesion in <i>Toxoplasmosis</i> . <i>ChemBioChem</i> , 2009, 10, 2522-2529.	1.3	63
75	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
76	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> , 1987, 2, 260-270.	0.8	61
77	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.	0.2	60
78	10E4 Antigen of Scrapie Lesions Contains an Unusual Nonsulfated Heparan Motif. <i>Journal of Biological Chemistry</i> , 2001, 276, 12539-12545.	1.6	59
79	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, 38658-38667.	1.6	58
80	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.	2.1	58
81	Unravelling Glucan Recognition Systems by Glycome Microarrays Using the Designer Approach and Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 974-988.	2.5	58
82	New structural insights into lectin-type proteins of the immune system. <i>Current Opinion in Structural Biology</i> , 2001, 11, 635-643.	2.6	57
83	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.	1.1	57
84	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.	2.1	57
85	BLOOD-GROUP PRECURSORS AND CANCER-RELATED ANTIGENS. <i>Lancet, The</i> , 1975, 306, 391-393.	6.3	56
86	Two mouse hybridoma antibodies against human milk-fat globules recognise the I(MA) antigenic determinant $\beta$ -d-Galp-(1 $\rightarrow$ 4)- $\beta$ -d-GlcNAc-(1 $\rightarrow$ 6). <i>Carbohydrate Research</i> , 1983, 120, 293-302.	1.1	56
87	Single human B cell-derived monoclonal anti-Candida antibodies enhance phagocytosis and protect against disseminated candidiasis. <i>Nature Communications</i> , 2018, 9, 5288.	5.8	56
88	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>Biochemistry</i> , 1994, 33, 6342-6349.	1.2	55
89	High-sensitivity structural analyses of oligosaccharide probes (neoglycolipids) by liquid-secondary-ion mass spectrometry. <i>Carbohydrate Research</i> , 1990, 200, 47-57.	1.1	54
90	Neoglycolipid Technology: Deciphering Information Content of Glycome. <i>Methods in Enzymology</i> , 2003, 362, 160-195.	0.4	54

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91	The monoclonal antibody anti-SSEA-1 discriminates between fucosylated type 1 and type 2 blood group chains. <i>FEBS Letters</i> , 1981, 131, 279-282.	1.3	53
92	Valency Dependent Patterns of Binding of Human L-Selectin toward Sialyl and Sulfated Oligosaccharides of Lea and Lex Types: Relevance to Anti-Adhesion Therapeutics. <i>Biochemistry</i> , 1997, 36, 5260-5266.	1.2	52
93	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.	2.1	52
94	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.	1.6	51
95	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, 1158-1164.	1.0	50
96	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.	1.1	48
97	Structural Flexibility of the Macrophage Dengue Virus Receptor CLEC5A. <i>Journal of Biological Chemistry</i> , 2011, 286, 24208-24218.	1.6	48
98	Transformation and growth related changes in levels of nuclear and cytoplasmic proteins antigenically related to mammalian I <sup>2</sup> -galactoside-binding lectin. <i>Biochemical and Biophysical Research Communications</i> , 1985, 127, 680-686.	1.0	47
99	NEW TYPE OF ADHESIVE SPECIFICITY REVEALED BY OLIGOSACCHARIDE PROBES IN ESCHERICHIA COLI FROM PATIENTS WITH URINARY TRACT INFECTION. <i>Lancet, The</i> , 1988, 332, 1327-1330.	6.3	47
100	Structural Basis for Multiple Sugar Recognition of Jacalin-related Human ZG16p Lectin. <i>Journal of Biological Chemistry</i> , 2014, 289, 16954-16965.	1.6	47
101	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, 175-179.	1.3	46
102	Glycan Specificity of P[19] Rotavirus and Comparison with Those of Related P Genotypes. <i>Journal of Virology</i> , 2016, 90, 9983-9996.	1.5	46
103	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, 379-384.	1.6	44
104	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, 1143-1150.	1.0	44
105	L-selectin Interactions with Novel Mono- and Multisulfated Lewisx Sequences in Comparison with the Potent Ligand 3 <sup>6</sup> -Sulfated Lewis <sup>x</sup> . <i>Journal of Biological Chemistry</i> , 1999, 274, 18213-18217.	1.6	44
106	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, 537-545.	0.2	43
107	Characterisation by mass spectrometry and 500-MHz proton nuclear magnetic resonance spectroscopy of penta- and hexasaccharide chains of human foetal gastrointestinal mucins (meconium) <i>Tj ETQq1 1 0.784314 rgB1.2Overlook 10 Tf 50</i>		
108	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.	1.1	43

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109	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, 673-685.	1.1	42
110	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
111	Production of Cold Agglutinins in Rabbits immunized with Human Erythrocytes treated with <i>Mycoplasma pneumoniae</i> . <i>Nature</i> , 1969, 222, 1253-1256.	13.7	41
112	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, 577-588.	1.1	40
113	Peanut lectin and anti-Ii antibodies reveal structural differences among human gastrointestinal glycoproteins. <i>Molecular Immunology</i> , 1983, 20, 1215-1220.	1.0	40
114	The effect of mild alkali and alkaline borohydride on the carbohydrate and peptide moieties of fetuin. <i>Biochemical Society Transactions</i> , 1984, 12, 607-610.	1.6	40
115	Cell-cell adhesion and membrane glycosylation. <i>Current Opinion in Structural Biology</i> , 1991, 1, 766-770.	2.6	40
116	Fluorescent neoglycolipids. <i>FEBS Journal</i> , 2000, 267, 1795-1804.	0.2	40
117	Galactose Recognition by the Apicomplexan Parasite <i>Toxoplasma gondii</i> . <i>Journal of Biological Chemistry</i> , 2012, 287, 16720-16733.	1.6	40
118	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, 1169-1189.	4.2	39
119	The neoglycolipid (<sc>NGL</sc>) technology-based microarrays and future prospects. <i>FEBS Letters</i> , 2018, 592, 3976-3991.	1.3	38
120	Monotypic Cold Agglutinins in Infection by <i>Mycoplasma pneumoniae</i> . <i>Nature</i> , 1967, 215, 540-542.	13.7	37
121	Lymphocytes Forming Red Cell Rosettes in the Cold in Patients With Chronic Cold Agglutinin Disease. <i>Blood</i> , 1973, 42, 753-762.	0.6	37
122	Blood group I activities of synthetic oligosaccharides assessed by radioimmunoassay. <i>Immunochemistry</i> , 1978, 15, 733-736.	1.3	37
123	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, 133-143.	1.1	37
124	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.	3.1	37
125	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.	6.6	37
126	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.	0.6	36



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127	Crystallographic and Glycan Microarray Analysis of Human Polyomavirus 9 VP1 Identifies <i>N</i> -Glycolyl Neuraminic Acid as a Receptor Candidate. <i>Journal of Virology</i> , 2014, 88, 6100-6111.	1.5	36
128	A radioimmunoassay for the measurement of blood group <i>I</i> activities: Its application to glycoconjugates, oligosaccharides and intact cells. <i>Molecular Immunology</i> , 1979, 16, 813-819.	1.0	35
129	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, 16478-16486.	1.6	35
130	Immunochemical studies on blood groups. LVIII. Activity of reduced oligosaccharides isolated from blood group H, Leb, and Lea substances by alkaline borohydride degradation. <i>Biochemistry</i> , 1973, 12, 5355-5360.	1.2	34
131	Core-typing of O-linked glycans from human gastric mucins. Lack of evidence for the occurrence of the core sequence Gal-6GalNAc. <i>FEBS Journal</i> , 1993, 217, 645-655.	0.2	34
132	Synergistic interactions of the two classes of ligand, sialyl-Lewis <sup>x</sup> -fucosyl-oligosaccharides and short sulpho-motifs, with the P- and L-selectins: implications for therapeutic inhibitor designs. <i>Immunology</i> , 2002, 105, 350-359.	2.0	34
133	Monoclonal antibodies reveal saccharide structures of glycoproteins and glycolipids as differentiation and tumour-associated antigens. <i>Biochemical Society Transactions</i> , 1984, 12, 545-549.	1.6	33
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