Critical functions of N-glycans in L-selectin-mediated ly

Nature Immunology 8, 409-418

DOI: 10.1038/ni1442

Citation Report

#	Article	IF	Citations
1	Sialyl-Lewisx on P-Selectin Glycoprotein Ligand-1 Is Regulated during Differentiation and Maturation of Dendritic Cells: A Mechanism Involving the Glycosyltransferases C2GnT1 and ST3Gal I. Journal of Immunology, 2007, 179, 5701-5710.	0.4	42
2	Initiation of Protein O Glycosylation by the Polypeptide GalNAcT-1 in Vascular Biology and Humoral Immunity. Molecular and Cellular Biology, 2007, 27, 8783-8796.	1.1	94
3	Optimized synthesis of aminooxy-peptides as glycoprobe precursors for surface-based sugar–protein interaction studies. Bioorganic and Medicinal Chemistry Letters, 2007, 17, 5155-5158.	1.0	19
4	Rolling on N-linked glycans: a new way to present L-selectin binding sites. Nature Immunology, 2007, 8, 339-341.	7.0	13
5	Differential glycosylation of TH1, TH2 and TH-17 effector cells selectively regulates susceptibility to cell death. Nature Immunology, 2007, 8, 825-834.	7.0	574
6	N-glycan structures and associated gene expression reflect the characteristic N-glycosylation pattern of human hematopoietic stem and progenitor cells. Experimental Hematology, 2007, 35, 1279-1292.	0.2	51
7	Mammalian glycosylation in immunity. Nature Reviews Immunology, 2008, 8, 874-887.	10.6	613
8	Replacing a Lectin Domain Residue in L-selectin Enhances Binding to P-selectin Glycoprotein Ligand-1 but Not to 6-Sulfo-sialyl Lewis x. Journal of Biological Chemistry, 2008, 283, 11493-11500.	1.6	49
9	CD73-Generated Adenosine Restricts Lymphocyte Migration into Draining Lymph Nodes. Journal of Immunology, 2008, 180, 6288-6296.	0.4	83
10	Endoglycan, a Member of the CD34 Family of Sialomucins, Is a Ligand for the Vascular Selectins. Journal of Immunology, 2008, 181, 1480-1490.	0.4	18
11	Redirecting Specificity of T-Cell Populations For CD19 Using the <i>Sleeping Beauty</i> System. Cancer Research, 2008, 68, 2961-2971.	0.4	232
12	Monocyte migration to inflamed skin and lymph nodes is differentially controlled by L-selectin and PSGL-1. Blood, 2008, 111, 3126-3130.	0.6	89
13	Role of Cell Surface Carbohydrates in Development and Disease. , 2008, , 293-310.		0
14	Sulfation and related genes in Caenorhabditis elegans. Trends in Glycoscience and Glycotechnology, 2009, 21, 179-191.	0.0	9
15	Core3 O-Glycan Synthase Suppresses Tumor Formation and Metastasis of Prostate Carcinoma PC3 and LNCaP Cells through Down-regulation of $\hat{l}\pm2\hat{l}^21$ Integrin Complex. Journal of Biological Chemistry, 2009, 284, 17157-17169.	1.6	66
16	Conditional Gene Targeting in Mouse High Endothelial Venules. Journal of Immunology, 2009, 182, 5461-5468.	0.4	21
17	Human noroviruses recognize sialyl Lewis x neoglycoprotein. Glycobiology, 2009, 19, 309-320.	1.3	93
18	Enabling techniques and strategic workflow for sulfoglycomics based on mass spectrometry mapping and sequencing of permethylated sulfated glycans. Glycobiology, 2009, 19, 1136-1149.	1.3	60

#	Article	IF	CITATIONS
19	Roles of gastric mucin-type O-glycans in the pathogenesis of Helicobacter pylori infection. Glycobiology, 2009, 19, 453-461.	1.3	55
20	Chapter 7 Biophysical Regulation of Selectin–Ligand Interactions Under Flow. Current Topics in Membranes, 2009, 64, 195-220.	0.5	1
21	Learning/Memory Impairment and Reduced Expression of the HNK-1 Carbohydrate in \hat{l}^2 4-Galactosyltransferase-Il-deficient Mice. Journal of Biological Chemistry, 2009, 284, 12550-12561.	1.6	50
22	Hemagglutinin-Dependent Tropism of H5N1 Avian Influenza Virus for Human Endothelial Cells. Journal of Virology, 2009, 83, 12947-12955.	1.5	61
23	Mass spectrometry in the analysis of N-linked and O-linked glycans. Current Opinion in Structural Biology, 2009, 19, 498-506.	2.6	212
24	Sulfoglucuronosyl paragloboside is a ligand for T cell adhesion: Regulation of sulfoglucuronosyl paragloboside expression via nuclear factor ÎB signaling. Journal of Neuroscience Research, 2009, 87, 3591-3599.	1.3	8
25	Recent insights into the biological roles of mucin-type O-glycosylation. Glycoconjugate Journal, 2009, 26, 325-334.	1.4	173
26	Elevated expression of L-selectin ligand in lymph node-derived human prostate cancer cells correlates with increased tumorigenicity. Glycoconjugate Journal, 2009, 26, 75-81.	1.4	10
27	The N-glycolyl form of mouse sialyl Lewis X is recognized by selectins but not by HECA-452 and FH6 antibodies that were raised against human cells. Glycoconjugate Journal, 2009, 26, 511-523.	1.4	28
28	Low Zone Tolerance Requires ICAM-1 Expression to Limit Contact Hypersensitivity Elicitation. Journal of Investigative Dermatology, 2009, 129, 2661-2667.	0.3	2
29	Glycoimmunology: ignore at your peril!. Immunological Reviews, 2009, 230, 5-8.	2.8	28
30	Sialic acids in T cell development and function. Biochimica Et Biophysica Acta - General Subjects, 2009, 1790, 1599-1610.	1.1	50
31	Structural study of the N-glycans of intercellular adhesion molecule-5 (telencephalin). Biochimica Et Biophysica Acta - General Subjects, 2009, 1790, 1611-1623.	1.1	7
32	Golgi linked protein glycosylation and associated diseases. Seminars in Cell and Developmental Biology, 2009, 20, 762-769.	2.3	62
33	Glycoforms of human endothelial CD34 that bind L-selectin carry sulfated sialyl Lewis x capped O- and N-glycans. Blood, 2009, 114, 733-741.	0.6	41
34	"Home sweet home―for lymphocytes. Blood, 2009, 114, 499-500.	0.6	1
35	Role of Sulfated O-Glycans Expressed by High Endothelial Venule-Like Vessels in Pathogenesis of Chronic Inflammatory Gastrointestinal Diseases. Biological and Pharmaceutical Bulletin, 2009, 32, 774-779.	0.6	15
36	MS-Based Glycoanalysis. , 2010, , 123-156.		0

#	ARTICLE	IF	CITATIONS
37	Fluorinated per-acetylated GalNAc metabolically alters glycan structures on leukocyte PSGL-1 and reduces cell binding to selectins. Blood, 2010, 115, 1303-1312.	0.6	59
38	Binding activity of recombinant human L-selectin-Fcl³ is modified by sialylation. Biochemical Engineering Journal, 2010, 48, 253-259.	1.8	3
39	Endothelial Heparan Sulfate Controls Chemokine Presentation in Recruitment of Lymphocytes and Dendritic Cells to Lymph Nodes. Immunity, 2010, 33, 817-829.	6.6	141
40	Two Roles of Mucin Sulfation. Trends in Glycoscience and Glycotechnology, 2010, 22, 211-225.	0.0	4
41	Core2 O-Glycan Structure Is Essential for the Cell Surface Expression of Sucrase Isomaltase and Dipeptidyl Peptidase-IV during Intestinal Cell Differentiation. Journal of Biological Chemistry, 2010, 285, 37683-37692.	1.6	23
42	Comparison of Methods for Profiling O-Glycosylation. Molecular and Cellular Proteomics, 2010, 9, 719-727.	2.5	136
43	Human L-selectin preferentially binds synthetic glycosulfopeptides modeled after endoglycan and containing tyrosine sulfate residues and sialyl Lewis x in core 2 O-glycans. Glycobiology, 2010, 20, 1170-1185.	1.3	14
44	Novel Anti-carbohydrate Antibodies Reveal the Cooperative Function of Sulfated N- and O-Glycans in Lymphocyte Homing. Journal of Biological Chemistry, 2010, 285, 40864-40878.	1.6	53
45	Core 1-derived O-glycans are essential E-selectin ligands on neutrophils. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 9204-9209.	3.3	67
46	Core O-Glycans Required for Lymphocyte Homing. Methods in Enzymology, 2010, 479, 257-270.	0.4	2
47	Rolling Cell Adhesion. Annual Review of Cell and Developmental Biology, 2010, 26, 363-396.	4.0	318
48	Mass Spectrometric Analysis of Sulfated N- and O-Glycans. Methods in Enzymology, 2010, 478, 3-26.	0.4	40
50	Functional and Structural Proteomics of Glycoproteins., 2011,,.		7
51	Functional Contributions of N- and O-Glycans to L-Selectin Ligands in Murine and Human Lymphoid Organs. American Journal of Pathology, 2011, 178, 423-433.	1.9	30
52	Structural basis for both pro- and anti-inflammatory response induced by mannose-specific legume lectin from Cymbosema roseum. Biochimie, 2011, 93, 806-816.	1.3	39
53	TNFα enhances the motility and invasiveness of prostatic cancer cells by stimulating the expression of selective glycosyl- and sulfotransferase genes involved in the synthesis of selectin ligands. Biochemical and Biophysical Research Communications, 2011, 409, 436-441.	1.0	44
54	Binding of L-selectin to its vascular and extravascular ligands is differentially regulated by pH. Biochemical and Biophysical Research Communications, 2011, 414, 437-442.	1.0	4
55	Biomechanics of leukocyte rolling. Biorheology, 2011, 48, 1-35.	1.2	99

#	Article	IF	Citations
56	Progesterone induces a switch in oligosaccharyltransferase isoform expression: Consequences on IgG N-glycosylation. Immunology Letters, 2011, 137, 28-37.	1.1	26
57	Prominent expression of sialyl Lewis Xâ€capped core 2â€branched <i>O</i> i>â€glycans on high endothelial venuleâ€ike vessels in gastric MALT lymphoma. Journal of Pathology, 2011, 224, 67-77.	2.1	37
58	An Integrin α4β7•IgG Heterodimeric Chimera Binds to MAdCAM-1 on High Endothelial Venules in Gut-Associated Lymphoid Tissue. Journal of Histochemistry and Cytochemistry, 2011, 59, 572-583.	1.3	22
59	Endothelial Surface N-Glycans Mediate Monocyte Adhesion and Are Targets for Anti-inflammatory Effects of Peroxisome Proliferator-activated Receptor Î ³ Ligands. Journal of Biological Chemistry, 2011, 286, 38738-38747.	1.6	75
60	Essential role of peripheral node addressin in lymphocyte homing to nasal-associated lymphoid tissues and allergic immune responses. Journal of Experimental Medicine, 2011, 208, 1015-1025.	4.2	30
61	N-Glycans Differentially Regulate Eosinophil and Neutrophil Recruitment during Allergic Airway Inflammation*. Journal of Biological Chemistry, 2011, 286, 38231-38241.	1.6	23
62	Glycosylation of mouse and human immune cells: insights emerging from N-glycomics analyses. Biochemical Society Transactions, 2011, 39, 1334-1340.	1.6	46
64	Receptor-Binding Profiles of H7 Subtype Influenza Viruses in Different Host Species. Journal of Virology, 2012, 86, 4370-4379.	1.5	96
65	Coordinated roles of ST3Gal-VI and ST3Gal-IV sialyltransferases in the synthesis of selectin ligands. Blood, 2012, 120, 1015-1026.	0.6	76
66	Human Synovial Lubricin Expresses Sialyl Lewis x Determinant and Has L-selectin Ligand Activity. Journal of Biological Chemistry, 2012, 287, 35922-35933.	1.6	49
67	Large-scale Identification of <i>N-</i> Glycosylated Proteins of Mouse Tissues and Construction of a Glycoprotein Database, GlycoProtDB. Journal of Proteome Research, 2012, 11, 4553-4566.	1.8	77
68	HEVs, lymphatics and homeostatic immune cell trafficking in lymph nodes. Nature Reviews Immunology, 2012, 12, 762-773.	10.6	567
69	Detection of weak receptor–ligand interactions using <scp>I</scp> g <scp>M</scp> and <scp>J</scp> â€chainâ€based fusion proteins. European Journal of Immunology, 2012, 42, 1354-1356.	1.6	5
70	The Role of the Tec Kinase Bruton's Tyrosine Kinase (Btk) in Leukocyte Recruitment. International Reviews of Immunology, 2012, 31, 104-118.	1.5	19
71	Regulated expression and neural functions of human natural killer-1 (HNK-1) carbohydrate. Cellular and Molecular Life Sciences, 2012, 69, 4135-4147.	2.4	45
72	Two distinct lymphocyte homing systems involved in the pathogenesis of chronic inflammatory gastrointestinal diseases. Seminars in Immunopathology, 2012, 34, 401-413.	2.8	15
73	The effect of galectins on leukocyte trafficking in inflammation: sweet or sour?. Annals of the New York Academy of Sciences, 2012, 1253, 181-192.	1.8	43
74	Sulfated glycans control lymphocyte homing. Annals of the New York Academy of Sciences, 2012, 1253, 112-121.	1.8	38

#	Article	IF	Citations
75	Glycobiology of immune responses. Annals of the New York Academy of Sciences, 2012, 1253, 1-15.	1.8	226
76	Serum Glycome Profiling: A Biomarker for Diagnosis of Ovarian Cancer. Journal of Proteome Research, 2013, 12, 4056-4063.	1.8	84
77	Priming mass spectrometry-based sulfoglycomic mapping for identification of terminal sulfated lacdiNAc glycotope. Glycoconjugate Journal, 2013, 30, 183-194.	1.4	16
78	Generation of Anti-sulfated Glycan Antibodies Using Sulfotransferase-Deficient Mice. Methods in Molecular Biology, 2013, 1022, 51-60.	0.4	4
79	Endothelial heterogeneity and adhesion molecules N-glycosylation: Implications in leukocyte trafficking in inflammation. Glycobiology, 2013, 23, 622-633.	1.3	87
80	KSGal6ST generates galactose-6-O-sulfate in high endothelial venules but does not contribute to L-selectin-dependent lymphocyte homing. Glycobiology, 2013, 23, 381-394.	1.3	34
81	Mucin-type O-Glycosylation during Development. Journal of Biological Chemistry, 2013, 288, 6921-6929.	1.6	221
82	Lectins. , 2013, , 701-705.		6
84	Mannose-specific legume lectin from the seeds of Dolichos lablab (FRIL) stimulates inflammatory and hypernociceptive processes in mice. Process Biochemistry, 2014, 49, 529-534.	1.8	16
85	Development and Use of IgM/Jâ€Chain Fusion Proteins for Characterization of Immunoglobulin Superfamily Ligandâ€Receptor Interactions. Current Protocols in Protein Science, 2014, 75, 19.24.1-19.24.11.	2.8	1
86	Regulation of T cell trafficking by the T cell immunoglobulin and mucin domain 1 glycoprotein. Trends in Molecular Medicine, 2014, 20, 675-684.	3.5	24
87	The role of glycosylation in IBD. Nature Reviews Gastroenterology and Hepatology, 2014, 11, 588-600.	8.2	123
88	Podoplanin requires sialylated O-glycans for stable expression on lymphatic endothelial cells and for interaction with platelets. Blood, 2014, 124, 3656-3665.	0.6	44
89	Selectins: initiators of leucocyte adhesion and signalling at the vascular wall. Cardiovascular Research, 2015, 107, 331-339.	1.8	394
90	Molecular mechanisms of CD8+ T cell trafficking and localization. Cellular and Molecular Life Sciences, 2015, 72, 2461-2473.	2.4	74
91	Understanding high endothelial venules: Lessons for cancer immunology. Oncolmmunology, 2015, 4, e1008791.	2.1	70
93	Novel Antibodies Reactive with Sialyl Lewis X in Both Humans and Mice Define Its Critical Role in Leukocyte Trafficking and Contact Hypersensitivity Responses. Journal of Biological Chemistry, 2015, 290, 15313-15326.	1.6	20
94	Changes in IgG and total plasma protein glycomes in acute systemic inflammation. Scientific Reports, 2014, 4, 4347.	1.6	125

#	Article	IF	CITATIONS
95	Regulation of B Cell Migration and Location in Response to Antigens. , 2016, , 166-174.		1
96	Tertiary Lymphoid Organs in Cancer Tissues. Frontiers in Immunology, 2016, 7, 244.	2.2	74
97	Changes in total plasma and serum N-glycome composition and patient-controlled analgesia after major abdominal surgery. Scientific Reports, 2016, 6, 31234.	1.6	28
98	Apical membrane expression of distinct sulfated glycans represents a novel marker of cholangiolocellular carcinoma. Laboratory Investigation, 2016, 96, 1246-1255.	1.7	17
99	Using CRISPR-Cas9 to quantify the contributions of O-glycans, N-glycans and Glycosphingolipids to human leukocyte-endothelium adhesion. Scientific Reports, 2016, 6, 30392.	1.6	47
100	Glyco-genes change expression in cancer through aberrant methylation. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 1776-1785.	1.1	48
101	Mechanism of action and efficacy of RX-111, a thieno [2,3-c] pyridine derivative and small molecule inhibitor of protein interaction with glycosaminoglycans (SMIGs), in delayed-type hypersensitivity, TNBS-induced colitis and experimental autoimmune encephalomyelitis. Inflammation Research, 2016, 65, 285-294.	1.6	7
102	Structural analysis of Centrolobium tomentosum seed lectin with inflammatory activity. Archives of Biochemistry and Biophysics, 2016, 596, 73-83.	1.4	27
103	Mechanisms of disease: The human N-glycome. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 1574-1582.	1.1	156
104	Glycosylation Changes Triggered by the Differentiation of Monocytic THP-1 Cell Line into Macrophages. Journal of Proteome Research, 2017, 16, 156-169.	1.8	35
105	Molecular modeling, docking and dynamics simulations of the Dioclea lasiophylla Mart. Ex Benth seed lectin: An edematogenic and hypernociceptive protein. Biochimie, 2017, 135, 126-136.	1.3	11
106	Partial characterization and immobilization in CNBr-activated Sepharose of a native lectin from Platypodium elegans seeds (PELa) and comparative study of edematogenic effect with the recombinant form. International Journal of Biological Macromolecules, 2017, 102, 323-330.	3.6	14
107	Selectin catch-bonds mechanotransduce integrin activation and neutrophil arrest on inflamed endothelium under shear flow. Blood, 2017, 130, 2101-2110.	0.6	69
108	A method to identify trace sulfated IgG N-glycans as biomarkers for rheumatoid arthritis. Nature Communications, 2017, 8, 631.	5.8	85
109	High Endothelial Venules and Other Blood Vessels: Critical Regulators of Lymphoid Organ Development and Function. Frontiers in Immunology, 2017, 8, 45.	2.2	138
110	Regulation of T Cell Trafficking by Enzymatic Synthesis of O-Glycans. Frontiers in Immunology, 2017, 8, 600.	2.2	39
111	Role of Inactive and Active Trypanosoma cruzi Trans-sialidases on T Cell Homing and Secretion of Inflammatory Cytokines. Frontiers in Microbiology, 2017, 8, 1307.	1.5	8
112	Protein N-Glycosylation in Cardiovascular Diseases and Related Risk Factors. Current Cardiovascular Risk Reports, 2018, 12, 1.	0.8	19

#	Article	IF	CITATIONS
113	Distinctive and Complementary MS $<$ sup $>$ 2 $<$ /sup $>$ Fragmentation Characteristics for Identification of Sulfated Sialylated $<$ i $>N<$ /i> $<$ Glycopeptides by nanoLC-MS/MS Workflow. Journal of the American Society for Mass Spectrometry, 2018, 29, 1166-1178.	1.2	19
114	Concerted mass spectrometry-based glycomic approach for precision mapping of sulfo sialylated N-glycans on human peripheral blood mononuclear cells and lymphocytes. Glycobiology, 2018, 28, 9-20.	1.3	24
115	A cell-extrinsic ligand acquired by activated T cells in lymph node can bridge L-selectin and P-selectin. PLoS ONE, 2018, 13, e0205685.	1.1	8
116	The Modulatory Roles of N-glycans in T-Cell-Mediated Autoimmune Diseases. International Journal of Molecular Sciences, 2018, 19, 780.	1.8	16
117	HIV-1 targets L-selectin for adhesion and induces its shedding for viral release. Nature Communications, 2018, 9, 2825.	5.8	15
118	Metabolomic and glycomic findings in posttraumatic stress disorder. Progress in Neuro-Psychopharmacology and Biological Psychiatry, 2019, 88, 181-193.	2.5	38
119	Overview of the role of kinetoplastid surface carbohydrates in infection and host cell invasion: prospects for therapeutic intervention. Parasitology, 2019, 146, 1743-1754.	0.7	7
121	L-selectin: A Major Regulator of Leukocyte Adhesion, Migration and Signaling. Frontiers in Immunology, 2019, 10, 1068.	2.2	264
122	Interâ€residual Hydrogen Bonding in Carbohydrates Unraveled by NMR Spectroscopy and Molecular Dynamics Simulations. ChemBioChem, 2019, 20, 2519-2528.	1.3	18
123	Remarkable Structural Diversity of $\langle i \rangle N \langle i \rangle$ -Glycan Sulfation on Influenza Vaccines. Analytical Chemistry, 2019, 91, 5083-5090.	3.2	19
124	Single-Cell Analysis Reveals Heterogeneity of High Endothelial Venules and Different Regulation of Genes Controlling Lymphocyte Entry to Lymph Nodes. Cell Reports, 2019, 26, 3116-3131.e5.	2.9	83
125	The sensitivity and specificity of serum glycan-based biomarkers for cancer detection. Progress in Molecular Biology and Translational Science, 2019, 162, 121-140.	0.9	21
126	An integrated platform for mucinâ€type O â€glycosylation network generation and visualization. Biotechnology and Bioengineering, 2019, 116, 1341-1354.	1.7	6
127	The Role of Endothelial Cells and TNF-Receptor Superfamily Members in Lymphoid Organogenesis and Function During Health and Inflammation. Frontiers in Immunology, 2019, 10, 2700.	2.2	14
128	Insights into the Loop at the E-Selectin Binding Site: From Open to Close Conformation. Journal of Chemical Information and Modeling, 2020, 60, 5153-5161.	2.5	5
129	The manifold roles of sialic acid for the biological functions of endothelial glycoproteins. Glycobiology, 2020, 30, 490-499.	1.3	14
130	Inflammatory conditions promote a switch of oligosaccharyltransferase (OST) catalytic subunit isoform expression. Archives of Biochemistry and Biophysics, 2020, 693, 108538.	1.4	0
131	NEGATIVE ION MASS SPECTROMETRY FOR THE ANALYSIS OF <i>N</i> i>â€LINKED GLYCANS. Mass Spectrometry Reviews, 2020, 39, 586-679.	2.8	30

#	Article	IF	CITATIONS
132	C-Type Lectins and Their Roles in Disease and Immune Homeostasis. , 2021, , 185-214.		1
133	Imaging Mass Spectrometry and Lectin Analysis of N-Linked Glycans in Carbohydrate Antigen–Defined Pancreatic Cancer Tissues. Molecular and Cellular Proteomics, 2021, 20, 100012.	2.5	57
134	High endothelial venules (HEVs) in immunity, inflammation and cancer. Angiogenesis, 2021, 24, 719-753.	3.7	64
135	The Role of L-Selectin in HIV Infection. Frontiers in Microbiology, 2021, 12, 725741.	1.5	3
136	Post-Translational Modif ications of Proteins. Springer Protocols, 2008, , 427-449.	0.1	2
137	Development of Lymph Node Circulation and Homing Mechanisms. , 2011, , 75-94.		1
138	UDP-N-Acetyl-Alpha-D-Galactosamine: Polypeptide N-Acetylgalactosaminyltransferases (ppGalNAc-Ts). , 2014, , 495-511.		2
139	Bioinformatics Databases and Applications Available for Glycobiology and Glycomics. , 2010, , 59-90.		3
140	Chapter 3. Mass Spectrometry for the Analysis of Milk Oligosaccharides. RSC Food Analysis Monographs, 0, , 59-77.	0.2	1
141	Na $ ilde{A}^-$ ve T Cells Re-Distribute to the Lungs of Selectin Ligand Deficient Mice. PLoS ONE, 2010, 5, e10973.	1.1	17
142	Functional Analysis of $^{\ }$ beta;1,3-N-Acetylglucosaminyltransferases and Regulation of Immunological Function by Polylactosamine. Trends in Glycoscience and Glycotechnology, 2012, 24, 95-111.	0.0	15
143	Structural Basis of Oligosaccharides for L-Selectin-Mediated Lymphocyte Homing. Trends in Glycoscience and Glycotechnology, 2007, 19, 257-263.	0.0	1
144	T cells: Home sweet home. Functional Glycomics Gateway, 2007, , .	0.0	0
145	Critical functions of L-selectin-mediated lymphocyte homing and recruitment. Protocol Exchange, 0, ,	0.3	0
147	Glycoconjugates., 2011,,.		0
148	Carbohydrate (N-Acetylglucosamine 6-0) Sulfotransferase 4 (CHST4)., 2014, , 1015-1024.		0
149	Adenosine 3′-Phospho 5′-Phosphosulfate Transporter 1,2 (PAPST1,2) (SLC35B2,3). , 2014, , 1379-1391.		0
151	UDP-GlcNAc: BetaGal Beta-1,3-N-Acetylglucosaminyltransferase 3 (B3GNT3)., 2014,, 295-302.		1

#	ARTICLE	IF	CITATIONS
152	Glycosylation in High Endothelial Venules. , 2015, , 627-632.		0
155	Sialoglycans on lymphatic endothelial cells augment interactions with Siglecâ€1 (CD169) of lymph node macrophages. FASEB Journal, 2021, 35, e22017.	0.2	6
156	Permethylation and Microfractionation of Sulfated Glycans for MS Analysis. Bio-protocol, 2020, 10, e3617.	0.2	2
158	Immunological insights of selectins in human disease mechanism. Advances in Protein Chemistry and Structural Biology, 2022, 129, 163-188.	1.0	2
159	Immunomodulation by endothelial cells â€" partnering up with the immune system?. Nature Reviews Immunology, 2022, 22, 576-588.	10.6	125
160	Oxygen-Dependent Changes in the N-Glycome of Murine Pulmonary Endothelial Cells. Antioxidants, 2021, 10, 1947.	2.2	4
161	Glycans as shapers of tumour microenvironment: A sweet driver of Tâ€cellâ€mediated antiâ€tumour immune response. Immunology, 2023, 168, 217-232.	2.0	10
162	N-Glycosylation and Inflammation; the Not-So-Sweet Relation. Frontiers in Immunology, 0, 13 , .	2.2	29
163	Site-selective sulfation of N-glycans by human GlcNAc-6-O-sulfotransferase 1 (CHST2) and chemoenzymatic synthesis of sulfated antibody glycoforms. Bioorganic Chemistry, 2022, 128, 106070.	2.0	6
164	(Not) Home alone: Antigen presenting cell $\hat{a} \in T$ Cell communication in barrier tissues. Frontiers in Immunology, 0, 13, .	2.2	3
165	Essential functions, syntheses and detection of sialyl Lewis X on glycoproteins., 0,, 31-54.		1
166	The Association of the Polymorphisms in the FUT8-Related Locus with the Plasma Glycosylation in Post-Traumatic Stress Disorder. International Journal of Molecular Sciences, 2023, 24, 5706.	1.8	О