

Reiji Kannagi

List of Publications by Year in descending order

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229
papers

11,193
citations

23567
58
h-index

37204
96
g-index

237
all docs

237
docs citations

237
times ranked

8396
citing authors

#	ARTICLE	IF	CITATIONS
1	Cellular concentrations of plasmalogen species containing a polyunsaturated fatty acid significantly increase under hypoxia in human colorectal cancer, Caco2 cells. Biochemical and Biophysical Research Communications, 2022, 611, 1-7.	2.1	4
2	BGN/TLR4/NF- κ B Mediates Epigenetic Silencing of Immunosuppressive Siglec Ligands in Colon Cancer Cells. Cells, 2020, 9, 397.	4.1	23
3	SSEA3 and Sialyl Lewis a Glycan Expression Is Controlled by B3GALT5 LTR through Lamin A-NFYA and SIRT1-STAT3 Signaling in Human ES Cells. Cells, 2020, 9, 177.	4.1	5
4	Selectin-Binding Assay by Flow Cytometry. Methods in Molecular Biology, 2020, 2132, 111-118.	0.9	1
5	Roles of p53 Family Structure and Function in Non-Canonical Response Element Binding and Activation. International Journal of Molecular Sciences, 2019, 20, 3681.	4.1	18
6	Sialyl Glycan Expression on T Cell Subsets in Asthma: a correlation with disease severity and blood parameters. Scientific Reports, 2019, 9, 8947.	3.3	2
7	Synergistic activation of the NEU4 promoter by p73 and AP2 in colon cancer cells. Scientific Reports, 2019, 9, 950.	3.3	10
8	Epigenetic silencing of the synthesis of immunosuppressive Siglec ligand glycans by NF- κ B/EZH2/YY1 axis in early-stage colon cancers. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2019, 1862, 173-183.	1.9	15
9	Inhibition of Endothelial SCUBE2 (Signal Peptide-CUB-EGF Domain-Containing Protein 2), a Novel VEGFR2 (Vascular Endothelial Growth Factor Receptor 2) Coreceptor, Suppresses Tumor Angiogenesis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2018, 38, 1202-1215.	2.4	21
10	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.	2.5	24
11	Distinct substrate specificities of human GlcNAc-6-sulfotransferases revealed by mass spectrometry-based sulfoglycomic analysis. Journal of Biological Chemistry, 2018, 293, 15163-15177.	3.4	24
12	BLIMP1 transcriptionally induced by EGFR activation and post-translationally regulated by proteasome and lysosome is involved in keratinocyte differentiation, migration and inflammation. Journal of Dermatological Science, 2018, 92, 151-161.	1.9	8
13	Gangliosides and Tumors. Methods in Molecular Biology, 2018, 1804, 143-171.	0.9	12
14	Downregulation of miR-199a/b-5p is associated with α GCNT2 induction upon epithelial-mesenchymal transition in colon cancer. FEBS Letters, 2017, 591, 1902-1917.	2.8	30
15	Anaplasma marginale Outer Membrane Protein A Is an Adhesin That Recognizes Sialylated and Fucosylated Glycans and Functionally Depends on an Essential Binding Domain. Infection and Immunity, 2017, 85, .	2.2	24
16	FUT8 promotes breast cancer cell invasiveness by remodeling TGF- β 2 receptor core fucosylation. Breast Cancer Research, 2017, 19, 111.	5.0	146
17	Endothelial SCUBE2 Interacts With VEGFR2 and Regulates VEGF-Induced Angiogenesis. Arteriosclerosis, Thrombosis, and Vascular Biology, 2017, 37, 144-155.	2.4	33
18	A/T gap tolerance in the core sequence and flanking sequence requirements of non-canonical p53 response elements. Journal of Biochemistry, 2016, 159, 563-572.	1.7	3

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19	Spleen Tyrosine Kinase Mediates EGFR Signaling to Regulate Keratinocyte Terminal Differentiation. Journal of Investigative Dermatology, 2016, 136, 192-201.	0.7	26
20	Unmasking of CD22 Co-receptor on Germinal Center B-cells Occurs by Alternative Mechanisms in Mouse and Man. Journal of Biological Chemistry, 2015, 290, 30066-30077.	3.4	52
21	Tumor-Associated Glycans and Their Functional Roles in the Multistep Process of Human Cancer Progression. , 2015, , 139-158.		3
22	Sialyl Lewis x (CD15s) identifies highly differentiated and most suppressive FOXP3 ^{high} regulatory T cells in humans. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 7225-7230.	7.1	164
23	Hypoxia remodels the composition of the constituent ceramide species of HexCer and Hex2Cer with phytosphingosine and hydroxy fatty acids in human colon cancer LS174T cells. Glycoconjugate Journal, 2015, 32, 615-623.	2.7	4
24	Major glycan structure underlying expression of the Lewis X epitope in the developing brain is O-mannose-linked glycans on phosphacan/RPTP β . Glycobiology, 2015, 25, 376-385.	2.5	23
25	Sialyl Sulfoglycans in Immune Regulation and Their Clinical Applications. , 2015, , 617-625.		1
26	Monoclonal Antibodies Monoclonal antibody for Glycans as Tools for Identifying Endogenous Glycan Ligands for Human Carbohydrate-Recognition Molecules. , 2015, , 1551-1556.		0
27	Introduction to Special Issue: 'Emerging Roles of Siglecs in Health and Disease'. Glycobiology, 2014, 24, 784-784.	2.5	1
28	Therapeutic adenoviral gene transfer of a glycosyltransferase for prevention of peritoneal dissemination and metastasis of gastric cancer. Cancer Gene Therapy, 2014, 21, 427-433.	4.6	18
29	Individual profiles of free ceramide species and the constituent ceramide species of sphingomyelin and neutral glycosphingolipid and their alteration according to the sequential changes of environmental oxygen content in human colorectal cancer Caco-2 cells. Glycoconjugate Journal, 2014, 31, 209-219.	2.7	12
30	Fucosyltransferase 5. GDP-Fucose Lactosamine β 3/4-Fucosyltransferase (FUT5). , 2014, , 549-558.		2
31	Fucosyltransferase 6. GDP-Fucose Lactosamine β 3-Fucosyltransferase (FUT6). , 2014, , 559-571.		5
32	Sialyl Sulfoglycans in Immune Regulation and Their Clinical Applications. , 2014, , 1-8.		0
33	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.	2.5	34
34	Role of down-regulated neutral ceramidase during all-trans retinoic acid-induced neuronal differentiation in SH-SY5Y neuroblastoma cells. Journal of Biochemistry, 2012, 151, 611-620.	1.7	23
35	Transcription factors c-Myc and CDX2 mediate E-selectin ligand expression in colon cancer cells undergoing EGF/bFGF-induced epithelial \rightarrow mesenchymal transition. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 7776-7781.	7.1	139
36	Colonic Epithelial Cells Express Specific Ligands for Mucosal Macrophage Immunosuppressive Receptors Siglec-7 and -9. Journal of Immunology, 2012, 188, 4690-4700.	0.8	73

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37	Induction of 6-sulfated glycans with cell adhesion activity via T-bet and GATA-3 in human helper T cells. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 841-848.	2.4	5
38	Sialic acid cyclization of human Th homing receptor glycan associated with recurrent exacerbations of atopic dermatitis. <i>Journal of Dermatological Science</i> , 2012, 68, 187-193.	1.9	3
39	Cell-Surface Glycoconjugates Controlling Human T-Lymphocyte Homing: Implications for Bronchial Asthma and Atopic Dermatitis. , 2012, , 167-176.		1
40	TNF α 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. <i>Biochemical and Biophysical Research Communications</i> , 2011, 409, 436-441.	2.1	44
41	Systematic analyses of free ceramide species and ceramide species comprising neutral glycosphingolipids by MALDI-TOF MS with high-energy CID. <i>Glycoconjugate Journal</i> , 2011, 28, 67-87.	2.7	17
42	Kidney transplantation recovers the reduction level of serum sulfatide in ESRD patients via processes correlated to oxidative stress and platelet count. <i>Glycoconjugate Journal</i> , 2011, 28, 125-135.	2.7	18
43	Quantitative Transcriptomic Profiling of Branching in a Glycosphingolipid Biosynthetic Pathway. <i>Journal of Biological Chemistry</i> , 2011, 286, 27214-27224.	3.4	13
44	Sialylated and Sulfated Carbohydrate Ligands for Selectins and Siglecs: Involvement in Traffic and Homing of Human Memory T and B Lymphocytes. <i>Advances in Experimental Medicine and Biology</i> , 2011, 705, 549-569.	1.6	12
45	Rap1 controls lymphocyte adhesion cascade and interstitial migration within lymph nodes in RAPL-dependent and -independent manners. <i>Blood</i> , 2010, 115, 804-814.	1.4	49
46	Cytoplasmic expression of the JM403 antigen GlcA-GlcNH 3 + on heparan sulfate glycosaminoglycan in mammary carcinomas—a novel proliferative biomarker for breast cancers with high malignancy. <i>Glycoconjugate Journal</i> , 2010, 27, 661-672.	2.7	6
47	Altered sphingolipid metabolism induced by tumor hypoxia — New vistas in glycolipid tumor markers. <i>FEBS Letters</i> , 2010, 584, 1872-1878.	2.8	51
48	Altered expression of glycan genes in cancers induced by epigenetic silencing and tumor hypoxia: Clues in the ongoing search for new tumor markers. <i>Cancer Science</i> , 2010, 101, 586-593.	3.9	82
49	Epigenetic Silencing of the Sulfate Transporter Gene <i>DTDST</i> Induces Sialyl Lewisx Expression and Accelerates Proliferation of Colon Cancer Cells. <i>Cancer Research</i> , 2010, 70, 4064-4073.	0.9	68
50	Glycosphingolipids as mediators of phenotypic changes associated with development and cancer progression. <i>Journal of Biochemistry</i> , 2010, 147, 3-8.	1.7	8
51	Expression of CC-chemokine receptor 7 (CCR7) and CXC-chemokine receptor 4 (CXCR4) in head and neck squamous cell carcinoma. <i>Auris Nasus Larynx</i> , 2010, 37, 488-495.	1.2	36
52	Sulfatides are associated with neointimal thickening after vascular injury. <i>Atherosclerosis</i> , 2010, 211, 291-296.	0.8	13
53	Anti-oligosaccharide antibodies as tools for studying sulfated sialoglycoconjugate ligands for siglecs and selectins. <i>Glycoconjugate Journal</i> , 2009, 26, 923-928.	2.7	16
54	Kidney dysfunction induced by protein overload nephropathy reduces serum sulfatide levels in mice. <i>Nephrology</i> , 2009, 14, 658-662.	1.6	15

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55	Expression of sialyl Lex, sialyl Lea, Lex and Ley glycotopes in secreted human ovarian cyst glycoproteins. <i>Biochimie</i> , 2009, 91, 423-433.	2.6	8
56	Acute kidney injury induced by protein-overload nephropathy down-regulates gene expression of hepatic cerebroside sulfotransferase in mice, resulting in reduction of liver and serum sulfatides. <i>Biochemical and Biophysical Research Communications</i> , 2009, 390, 1382-1388.	2.1	27
57	Generation and characterization of a series of monoclonal antibodies that specifically recognize [HexA(±2S)-GlcNAc] _n epitopes in heparan sulfate. <i>Glycoconjugate Journal</i> , 2008, 25, 703-712.	2.7	20
58	Clinical application of functional glycoproteomics “dissection of glycotopes carried by soluble CD44 variants in sera of patients with cancers. <i>Proteomics</i> , 2008, 8, 3263-3273.	2.2	10
59	Current relevance of incomplete synthesis and neo-synthesis for cancer-associated alteration of carbohydrate determinants”Hakomori’s concepts revisited. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2008, 1780, 525-531.	2.4	111
60	Core 2 GlcNAc modification and megalin ligand-binding activity. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2008, 1780, 479-485.	2.4	8
61	Significance of Tumor-Associated Stroma in Promotion of Intratumoral Lymphangiogenesis. <i>American Journal of Pathology</i> , 2008, 172, 179-193.	3.8	106
62	DNA Hypermethylation Contributes to Incomplete Synthesis of Carbohydrate Determinants in Gastrointestinal Cancer. <i>Gastroenterology</i> , 2008, 135, 142-151.e3.	1.3	95
63	Chemical and Apoptotic Properties of Hydroxy-Ceramides Containing Long-Chain Bases with Unusual Alkyl Chain Lengths. <i>Journal of Biochemistry</i> , 2008, 144, 95-106.	1.7	16
64	Significance of NF-κB/GATA Axis in Tumor Necrosis Factor-α-induced Expression of 6-Sulfated Cell Recognition Glycans in Human T-lymphocytes. <i>Journal of Biological Chemistry</i> , 2008, 283, 34563-34570.	3.4	15
65	CD43, but not P-Selectin Glycoprotein Ligand-1, Functions as an E-Selectin Counter-Receptor in Human Pre-B Cell Leukemia NALL-1. <i>Cancer Research</i> , 2008, 68, 790-799.	0.9	30
66	Monoclonal Antibody as a Clue to Structural Analysis of Bioactive Functional Glycoconjugates. , 2008, , 60-63.		2
67	Human B-lymphocytes Express ±6-Sialylated 6-Sulfo-N-acetylactosamine Serving as a Preferred Ligand for CD22/Siglec-2. <i>Journal of Biological Chemistry</i> , 2007, 282, 32200-32207.	3.4	72
68	Hypoxia-enhanced expression of free deaminoneuraminic acid in human cancer cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 357, 537-542.	2.1	26
69	SIRP±1 and SIRP±2: Their role as tumor suppressors in breast carcinoma cells. <i>Biochemical and Biophysical Research Communications</i> , 2007, 361, 7-13.	2.1	9
70	Hyperproduction of Hyaluronan in Neu-Induced Mammary Tumor Accelerates Angiogenesis through Stromal Cell Recruitment. <i>American Journal of Pathology</i> , 2007, 170, 1086-1099.	3.8	169
71	Establishment of a quantitative, qualitative, and high-throughput analysis of sulfatides from small amounts of sera by matrix-assisted laser desorption ionization“time of flight mass spectrometry. <i>Analytical Biochemistry</i> , 2007, 362, 1-7.	2.4	43
72	Glycomic mapping of pseudomucinous human ovarian cyst glycoproteins: Identification of Lewis and sialyl Lewis glycotopes. <i>Proteomics</i> , 2007, 7, 3699-3717.	2.2	24

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73	A role for SHPS-1/SIRP-1 in Concanavalin A-dependent production of MMP-9. <i>Genes To Cells</i> , 2007, 12, 1023-1033.	1.2	4
74	Serum sulfatides as a novel biomarker for cardiovascular disease in patients with end-stage renal failure. <i>Glycoconjugate Journal</i> , 2007, 24, 565-571.	2.7	38
75	Carbohydrate antigen sialyl Lewis a--its pathophysiological significance and induction mechanism in cancer progression. <i>Chang Gung Medical Journal</i> , 2007, 30, 189-209.	0.7	97
76	Interaction of GATA-3/T-bet transcription factors regulates expression of sialyl Lewis X homing receptors on Th1/Th2 lymphocytes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 16894-16899.	7.1	83
77	SHP-2-Erk signaling regulates Concanavalin A-dependent production of TIMP-2. <i>Biochemical and Biophysical Research Communications</i> , 2006, 348, 1145-1149.	2.1	12
78	Identification of cutaneous lymphocyte-associated antigen as sialyl 6-sulfo Lewis X, a selectin ligand expressed on a subset of skin-homing helper memory T cells. <i>Blood</i> , 2006, 107, 3197-3204.	1.4	57
79	Quantitative RT-PCR analysis of sphingolipid metabolic enzymes in acute leukemia and myelodysplastic syndromes. <i>Leukemia</i> , 2006, 20, 2042-2046.	7.2	62
80	Ectopic expression of N-acetylglucosamine 6-O-sulfotransferase 2 in chemotherapy-resistant ovarian adenocarcinomas. <i>Glycoconjugate Journal</i> , 2006, 23, 453-460.	2.7	11
81	Successful tumor eradication was achieved by collaboration of augmented cytotoxic activity and anti-angiogenic effects following therapeutic vaccines containing helper-activating analog-loaded dendritic cells and tumor antigen DNA. <i>Cancer Immunology, Immunotherapy</i> , 2006, 56, 331-342.	4.2	13
82	Rapid demonstration of diversity of sulfatide molecular species from biological materials by MALDI-TOF MS. <i>Glycobiology</i> , 2006, 16, 719-728.	2.5	37
83	Hypoxic Culture Induces Expression of Sialin, a Sialic Acid Transporter, and Cancer-Associated Gangliosides Containing Non-Human Sialic Acid on Human Cancer Cells. <i>Cancer Research</i> , 2006, 66, 2937-2945.	0.9	149
84	Molecular Cloning and Characterization of a Novel 3'-Phosphoadenosine 5'-Phosphosulfate Transporter, PAPST2. <i>Journal of Biological Chemistry</i> , 2006, 281, 10945-10953.	3.4	67
85	SHAP Potentiates the CD44-mediated Leukocyte Adhesion to the Hyaluronan Substratum. <i>Journal of Biological Chemistry</i> , 2006, 281, 20303-20314.	3.4	134
86	Disruption of Phospholipase C-4 Gene Modulates the Liver Regeneration in Cooperation with Nuclear Protein Kinase C. <i>Journal of Biochemistry</i> , 2006, 140, 619-625.	1.7	11
87	Design and synthesis of a novel neo-glycolipid containing sialyl Lewis X determinant carried on the mucin GlcNAc-1-6GalNAc-6 core structure. <i>Tetrahedron: Asymmetry</i> , 2005, 16, 1321-1327.	1.8	3
88	A major class of L-selectin ligands is eliminated in mice deficient in two sulfotransferases expressed in high endothelial venules. <i>Nature Immunology</i> , 2005, 6, 1105-1113.	14.5	167
89	6-O-Sulfo sialylparagloboside and sialyl Lewis X neo-glycolipids containing lactamized neuraminic acid: Synthesis and antigenic reactivity against G159 monoclonal antibody. <i>Glycoconjugate Journal</i> , 2005, 22, 95-108.	2.7	6
90	Expression of N-acetylglucosamine 6-O-sulfotransferases (GlcNAc6STs)-1 and -4 in human monocytes: GlcNAc6ST-1 is implicated in the generation of the 6-sulfo N-acetylglucosamine/Lewis x epitope on CD44 and is induced by TNF- α . <i>Glycobiology</i> , 2005, 15, 7C-13C.	2.5	19

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91	Development of structural analysis of sulfated N-glycans by multidimensional high performance liquid chromatography mapping methods. <i>Glycobiology</i> , 2005, 15, 1051-1060.	2.5	64
92	Synthesis of $\alpha(1,3)$ Fucosyltransferases IV- and VII-Dependent Eosinophil Selectin Ligand and Recruitment to the Skin. <i>American Journal of Pathology</i> , 2005, 167, 787-796.	3.8	10
93	Carbohydrate-Based Treatment of Cancer Metastasis. , 2005, , 803-829.		3
94	Synthesis and Antigenic Property of a Novel Sialyl 6-sulfo Lewis X Neo-glycolipid Containing Lactamized Neuraminic Acid. <i>Journal of Carbohydrate Chemistry</i> , 2004, 23, 201-215.	1.1	7
95	Endomucin, a sialomucin expressed in high endothelial venules, supports L-selectin-mediated rolling. <i>International Immunology</i> , 2004, 16, 1265-1274.	4.0	31
96	Loss of Disialyl Lewis ^x , the Ligand for Lymphocyte Inhibitory Receptor Sialic Acid-Binding Immunoglobulin-Like Lectin-7 (Siglec-7) Associated with Increased Sialyl Lewis ^x Expression on Human Colon Cancers. <i>Cancer Research</i> , 2004, 64, 4498-4505.	0.9	148
97	Hypoxia induces adhesion molecules on cancer cells: A missing link between Warburg effect and induction of selectin-ligand carbohydrates. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 8132-8137.	7.1	206
98	N-Acetylglucosamine 6-O-Sulfotransferase-1 Regulates Expression of L-Selectin Ligands and Lymphocyte Homing. <i>Journal of Biological Chemistry</i> , 2004, 279, 35001-35008.	3.4	74
99	Attachment of Human Colon Cancer Cells to Vascular Endothelium Is Enhanced by N-Acetylglucosaminyltransferase V. <i>Oncology</i> , 2004, 66, 492-501.	1.9	29
100	Selective Expression and Functional Characteristics of Three Mammalian Hyaluronan Synthases in Oncogenic Malignant Transformation. <i>Journal of Biological Chemistry</i> , 2004, 279, 18679-18687.	3.4	125
101	A Novel Mechanism for the Inhibition of Hyaluronan Biosynthesis by 4-Methylumbelliferone. <i>Journal of Biological Chemistry</i> , 2004, 279, 33281-33289.	3.4	248
102	Human P-selectin Glycoprotein Ligand-1 (PSGL-1) Interacts with the Skin-associated Chemokine CCL27 via Sulfated Tyrosines at the PSGL-1 Amino Terminus. <i>Journal of Biological Chemistry</i> , 2004, 279, 51775-51782.	3.4	34
103	Carbohydrate-mediated cell adhesion in cancer metastasis and angiogenesis. <i>Cancer Science</i> , 2004, 95, 377-384.	3.9	540
104	In Search of the Carbohydrate Structures on CD44 Critical for Hyaluronic Acid Binding-Roles of Sialylation and Sulfation. <i>Trends in Glycoscience and Glycotechnology</i> , 2004, 16, 211-223.	0.1	5
105	Core 2 GlcNAc transferase and kidney tubular cell-specific expression. <i>Glycoconjugate Journal</i> , 2003, 20, 151-156.	2.7	4
106	Molecular mechanism for cancer-associated induction of sialyl Lewis X and sialyl Lewis A expression—The Warburg effect revisited. <i>Glycoconjugate Journal</i> , 2003, 20, 353-364.	2.7	132
107	Studies on the endogenous L-selectin ligands: systematic and highly efficient total synthetic routes to lactamized-sialyl 6-O-sulfo Lewis X and other novel gangliosides containing lactamized neuraminic acid. <i>Carbohydrate Research</i> , 2003, 338, 2793-2812.	2.3	14
108	NMR structure elucidation of cyclic sialyl 6-sulfo Lewis x, a biologically dormant form of L-selectin ligand. <i>Tetrahedron Letters</i> , 2003, 44, 1167-1170.	1.4	5

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109	Synthesis of Disialyl Lewis a (Lea) Structure in Colon Cancer Cell Lines by a Sialyltransferase, ST6GalNAc VI, Responsible for the Synthesis of Î±-Series Gangliosides. Journal of Biological Chemistry, 2003, 278, 22787-22794.	3.4	84
110	Transactivation of the fucosyltransferase VII gene by human T-cell leukemia virus type 1 Tax through a variant cAMP-responsive element. Blood, 2003, 101, 3615-3621.	1.4	52
111	Distinct Sulfation Requirements of Selectins Disclosed Using Cells That Support Rolling Mediated by All Three Selectins under Shear Flow. Journal of Biological Chemistry, 2002, 277, 32578-32586.	3.4	48
112	TNF-Î± increases the carbohydrate sulfation of CD44: induction of 6-sulfo N-acetyl lactosamine on N- and O-linked glycans. Glycobiology, 2002, 12, 613-622.	2.5	38
113	Specificities of N-Acetylglucosamine-6-O-sulfotransferases in Relation to L-selectin Ligand Synthesis and Tumor-associated Enzyme Expression. Journal of Biological Chemistry, 2002, 277, 3979-3984.	3.4	58
114	Molecular Basis of Evolutionary Loss of the Î±1,3-Galactosyltransferase Gene in Higher Primates. Journal of Biological Chemistry, 2002, 277, 10114-10120.	3.4	79
115	Use of Liposomes Containing Carbohydrates for Production of Monoclonal Antibodies. , 2002, 199, 203-218.		6
116	6-Sulfo LacNAc, a Novel Carbohydrate Modification of PSGL-1, Defines an Inflammatory Type of Human Dendritic Cells. Immunity, 2002, 17, 289-301.	14.3	206
117	Regulatory roles of carbohydrate ligands for selectins in the homing of lymphocytes. Current Opinion in Structural Biology, 2002, 12, 599-608.	5.7	161
118	NMR analysis of novel ganglioside GM4 analogues containing de-N-acetyl and lactamized sialic acid: probes for searching new ligand structures for human L-selectin. Magnetic Resonance in Chemistry, 2002, 40, 517-523.	1.9	5
119	Reduced sialidase expression in highly metastatic variants of mouse colon adenocarcinoma 26 and retardation of their metastatic ability by sialidase overexpression. International Journal of Cancer, 2002, 97, 180-185.	5.1	84
120	P-selectin-dependent macrophage migration into the tubulointerstitium in unilateral ureteral obstruction. Kidney International, 2002, 62, 94-105.	5.2	18
121	Î±1,3-Fucosyltransferase-VI (FUT6). , 2002, , 237-245.		2
122	Roles of cell adhesion molecules in tumor angiogenesis induced by cotransplantation of cancer and endothelial cells to nude rats. Cancer Research, 2002, 62, 6289-96.	0.9	63
123	Tissue specific control of glyco-chains. International Congress Series, 2001, 1223, 29-37.	0.2	1
124	Paired tumor marker of soluble E-selectin and its ligand sialyl Lewis A in colorectal cancer. Journal of Gastroenterology, 2001, 36, 823-829.	5.1	25
125	Regulation of mouse kidney tubular epithelial cell-specific expression of coreâ€²2 GlcNAc transferase. FEBS Journal, 2001, 268, 1129-1135.	0.2	9
126	Modulation of MUC1 mucin as an escape mechanism of breast cancer cells from autologous cytotoxic T-lymphocytes. British Journal of Cancer, 2001, 84, 1258-1264.	6.4	34

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127	A Remodeling System of the 3â€²-Sulfo-Lewis a and 3â€²-Sulfo-Lewis x Epitopes. Journal of Biological Chemistry, 2001, 276, 38588-38594.	3.4	26
128	A Novel Human Gal-3-O-Sulfotransferase. Journal of Biological Chemistry, 2001, 276, 26988-26994.	3.4	28
129	Transcriptional Regulation of Expression of Carbohydrate Ligands for Cell Adhesion Molecules in the Selectin Family. Advances in Experimental Medicine and Biology, 2001, 491, 267-278.	1.6	24
130	A Guide to Monoclonal Antibodies Directed to Glycotopes. Advances in Experimental Medicine and Biology, 2001, 491, 587-630.	1.6	31
131	Monoclonal Anti-Glycosphingolipid Antibodies. Methods in Enzymology, 2000, 312, 160-179.	1.0	26
132	Clinicopathologic significance of sialyl Le xexpression in advanced gastric carcinoma. British Journal of Cancer, 2000, 83, 1681-1687.	6.4	36
133	P- and E-Selectins Recognize Sialyl 6-Sulfo Lewis X, the Recently Identified L-Selectin Ligand. Biochemical and Biophysical Research Communications, 2000, 278, 90-96.	2.1	42
134	Spatially and temporally regulated expression of N-acetylglucosamine-6-O-sulfotransferase during mouse embryogenesis. Glycobiology, 1999, 9, 947-955.	2.5	18
135	Sulfotransferases of Two Specificities Function in the Reconstitution of High Endothelial Cell Ligands for L-selectin. Journal of Cell Biology, 1999, 145, 899-910.	5.2	265
136	Reconstitution of functional L-selectin ligands on a cultured human endothelial cell line by cotransfection of 1-3 fucosyltransferase VII and newly cloned GlcNAc-6-sulfotransferase cDNA. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 4530-4535.	7.1	125
137	Regulation of selectin binding activity by cyclization of sialic acid moiety of carbohydrate ligands on human leukocytes. Proceedings of the National Academy of Sciences of the United States of America, 1999, 96, 1597-1602.	7.1	71
138	The First Total Synthesis of 6-Sulfo-de-N-acetylsialyl Lewisx Ganglioside: A Superior Ligand for Human L-Selectin. Angewandte Chemie - International Edition, 1999, 38, 1131-1133.	13.8	75
139	Glycobiology of Sialyl 6-Sulfo Lewis x, a New Carbohydrate Ligand for Selectins.. Trends in Glycoscience and Glycotechnology, 1999, 11, 329-344.	0.1	12
140	Targeted Gene Transfer for Adenocarcinoma Using a Combination of Tumor-specific Antibody and Tissue-specific Promoter. Japanese Journal of Cancer Research, 1998, 89, 1212-1219.	1.7	10
141	Involvement of adhesion molecules in metastasis of SW1990, human pancreatic cancer cells. Journal of Surgical Oncology, 1998, 67, 77-84.	1.7	44
142	Specific Detection of Sialyl Lewis X Determinant Carried on the Mucin GlcNAc-1â†’6GalNAc-6 Core Structure as a Tumor-Associated Antigen. Biochemical and Biophysical Research Communications, 1998, 247, 514-517.	2.1	39
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