Carl Gustav Gahmberg

List of Publications by Year
in descending order

172	10,320	31902 53	37111 96
papers	citations	h-index	g-index

174	174	174	8474
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	External Labeling of Cell Surface Galactose and Galactosamine in Glycolipid and Glycoprotein of Human Erythrocytes. Journal of Biological Chemistry, 1973, 248, 4311-4317.	1.6	665
2	Tumor targeting with a selective gelatinase inhibitor. Nature Biotechnology, 1999, 17, 768-774.	9.4	509
3	Induction of erythroid differentiation in the human leukaemia cell line K562. Nature, 1979, 278, 364-365.	13.7	450
4	K562â€"A human erythroleukemic cell line. International Journal of Cancer, 1979, 23, 143-147.	2.3	429
5	A novel pathway of HMGB1-mediated inflammatory cell recruitment that requires Mac-1-integrin. EMBO Journal, 2007, 26, 1129-1139.	3.5	344
6	Del-1, an Endogenous Leukocyte-Endothelial Adhesion Inhibitor, Limits Inflammatory Cell Recruitment. Science, 2008, 322, 1101-1104.	6.0	271
7	Leukocyte adhesion: CD11/CD18 integrins and intercellular adhesion molecules. Current Opinion in Cell Biology, 1997, 9, 643-650.	2.6	250
8	Leukocyte Adhesion. Structure and Function of Human Leukocyte beta2-Integrins and their Cellular Ligands. FEBS Journal, 1997, 245, 215-232.	0.2	190
9	Regulation of the p59fyn protein tyrosine kinase by the CD45 phosphotyrosine phosphatase. European Journal of Immunology, 1992, 22, 1173-1178.	1.6	187
10	Regulation of integrin activity and signalling. Biochimica Et Biophysica Acta - General Subjects, 2009, 1790, 431-444.	1.1	176
11	RIFINs are adhesins implicated in severe Plasmodium falciparum malaria. Nature Medicine, 2015, 21, 314-317.	15.2	166
12	Activation of NMDA receptors promotes dendritic spine development through MMP-mediated ICAM-5 cleavage. Journal of Cell Biology, 2007, 178, 687-700.	2.3	165
13	Why mammalian cell surface proteins are glycoproteins. Trends in Biochemical Sciences, 1996, 21, 308-311.	3.7	163
14	P-selectin glycoprotein ligand 1 and Î²2-integrins cooperate in the adhesion of leukocytes to von Willebrand factor. Blood, 2006, 108, 3746-3752.	0.6	152
15	Transendothelial migration of lymphocytes mediated by intraendothelial vesicle stores rather than by extracellular chemokine depots. Nature Immunology, 2012, 13, 67-76.	7.0	149
16	Î²2 integrin phosphorylation on Thr758 acts as a molecular switch to regulate 14-3-3 and filamin binding. Blood, 2008, 112, 1853-1862.	0.6	148
17	Mutation of the Cytoplasmic Domain of the Integrin Î²3 Subunit. Journal of Biological Chemistry, 1995, 270, 9550-9557.	1.6	133
18	Changes in a surface-labelled galactoprotein and in glycolipid concentrations in cells transformed by a temperature-sensitive polyoma virus mutant. Nature, 1974, 248, 413-415.	13.7	132

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19	The lipid class composition of Semliki Forest virus and of plasma membranes of the host cells. Virology, 1971, 46, 318-326.	1.1	130
20	Neuronal regulation of immune responses in the central nervous system. Trends in Immunology, 2009, 30, 91-99.	2.9	129
21	The red cell LW blood group protein is an intercellular adhesion molecule which binds to CD11/CD18 leukocyte integrins. European Journal of Immunology, 1995, 25, 3316-3320.	1.6	122
22	The expression of human intercellular adhesion molecule-2 is refractory to inflammatory cytokines. European Journal of Immunology, 1991, 21, 2629-2632.	1.6	113
23	Biosynthesis of the major human red cell sialoglycoprotein, glycophorin A, in a continuous cell line. Nature, 1979, 279, 604-607.	13.7	111
24	Lipoprotein(a) in atherosclerotic plaques recruits inflammatory cells through interaction with Macâ€1 integrin. FASEB Journal, 2006, 20, 559-561.	0.2	111
25	The lipids of the plasma membranes and endoplasmic reticulum from cultured baby hamster kidney cells (BHK21). Biochimica Et Biophysica Acta - Biomembranes, 1972, 255, 66-78.	1.4	108
26	Molecular identification of the human Rh0 (D) antigen. FEBS Letters, 1982, 140, 93-97.	1.3	107
27	Leukocyte integrins and inflammation. Cellular and Molecular Life Sciences, 1998, 54, 549-555.	2.4	99
28	Specific integrin Î± and Î² chain phosphorylations regulate LFA-1 activation through affinity-dependent and -independent mechanisms. Journal of Cell Biology, 2005, 171, 705-715.	2.3	99
29	Identification of a novel adhesion molecule in human leukocytes by monoclonal antibody LB-2. FEBS Letters, 1987, 210, 127-131.	1.3	93
30	Organization of glycolipids and glycoproteins in surface membranes: Dependency on cell cycle and on transformation. Biochemical and Biophysical Research Communications, 1974, 59, 283-291.	1.0	90
31	Phosphorylation of the Cytoplasmic Domain of the Integrin CD18 Chain by Protein Kinase C Isoforms in Leukocytes. Journal of Biological Chemistry, 2002, 277, 1728-1738.	1.6	90
32	Red-cell ICAM-4 is a ligand for the monocyte/macrophage integrin CD11c/CD18: characterization of the binding sites on ICAM-4. Blood, 2007, 109, 802-810.	0.6	88
33	Î±-Chain phosphorylation of the human leukocyte CD11b/CD18 (Mac-1) integrin is pivotal for integrin activation to bind ICAMs and leukocyte extravasation. Blood, 2006, 108, 3379-3386.	0.6	87
34	Mitochondrial toxicity of triclosan on mammalian cells. Toxicology Reports, 2015, 2, 624-637.	1.6	83
35	Structural study of the sugar chains of human leukocyte cell adhesion molecules CD11/CD18. Biochemistry, 1991, 30, 1561-1571.	1.2	81
36	The vascular E-selectin binds to the leukocyte integrins CD11/CD18. Glycobiology, 1993, 3, 131-136.	1.3	80

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37	Phosphorylation of the Î²-subunit of CD11/CD18 integrins by protein kinase C correlates with leukocyte adhesion. European Journal of Immunology, 1991, 21, 2857-2862.	1.6	76
38	Binding Sites of Leukocyte Î²2 Integrins (LFA-1, Mac-1) on the Human ICAM-4/LW Blood Group Protein. Journal of Biological Chemistry, 2000, 275, 26002-26010.	1.6	76
39	Glycophorin a as a cell surface marker of early erythroid differentiation in acute leukemia. International Journal of Cancer, 1979, 24, 717-720.	2.3	74
40	Surface glycoprotein patterns of normal and malignant human lymphoid cells. I. T cells, T blasts and leukemic T cell lines. International Journal of Cancer, 1977, 20, 702-707.	2.3	73
41	PKCÉ› Regulation of an Î± ₅ Integrinâ€“ZO-1 Complex Controls Lamellae Formation in Migrating Cancer Cells. Science Signaling, 2009, 2, ra32.	1.6	71
42	Surface glycoprotein patterns of normal and malignant human lymphoid cells. II. B cells, B blasts and epstein-barr virus (EBV)-positive and -negative B lymphoid cell lines. International Journal of Cancer, 1977, 20, 708-716.	2.3	68
43	Role of Sialic Acid in the Mobility of Membrane Proteins Containing Oâ€Linked Oligosaccharides on Polyacrylamide Gel Electrophoresis in Sodium Dodecyl Sulfate. FEBS Journal, 1982, 122, 581-586.	0.2	65
44	Phorbol diesters increase the phosphorylation of the leukocyte common antigen CD45 in human T cells. European Journal of Immunology, 1987, 17, 1503-1506.	1.6	63
45	Phosphorylation of the LFA-1 Integrin Î²2-Chain on Thr-758 Leads to Adhesion, Rac-1/Cdc42 Activation, and Stimulation of CD69 Expression in Human T Cells. Journal of Biological Chemistry, 2007, 282, 968-975.	1.6	63
46	Binding of T lymphocytes to hippocampal neurons through ICAM-5 (telencephalin) and characterization of its interaction with the leukocyte integrin CD11a / CD18. European Journal of Immunology, 2000, 30, 810-818.	1.6	62
47	Absence, or low expression, of leukocyte adhesion molecules CDI1 and CD18 on burkjtt lymphoma cells. International Journal of Cancer, 1988, 41, 901-907.	2.3	61
48	Inhibition of Î²2Integrinâ€“Mediated Leukocyte Cell Adhesion by Leucineâ€“Leucineâ€“Glycine Motifâ€“Containing Peptides. Journal of Cell Biology, 2001, 153, 905-916.	2.3	61
49	Binding of the Cytoplasmic Domain of Intercellular Adhesion Molecule-2 (ICAM-2) to Î±-Actinin. Journal of Biological Chemistry, 1996, 271, 26214-26219.	1.6	59
50	Participation of CD11a-c/CD18, CD2 and ROD-binding receptors in endogenous and interleukin-2-stimulated NK activity of CDS-negative large granular lymphocytes. International Journal of Cancer, 1990, 46, 1035-1040.	2.3	58
51	Interactions between Intercellular Adhesion Molecule-5 (ICAM-5) and Î²1 integrins regulate neuronal synapse formation. Journal of Cell Science, 2012, 126, 77-89.	1.2	58
52	Role of leukemia cell invadosome in extramedullary infiltration. Blood, 2009, 114, 3008-3017.	0.6	57
53	SHARPIN Regulates Uropod Detachment in Migrating Lymphocytes. Cell Reports, 2013, 5, 619-628.	2.9	55
54	Different surface glycoprotein patterns on human T-, B- and leukemic-lymphocytes. International Journal of Cancer, 1976, 17, 40-46.	2.3	54

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55	Identification of a Negatively Charged Peptide Motif within the Catalytic Domain of Progelatinases That Mediates Binding to Leukocyte Î²2 Integrins. Journal of Biological Chemistry, 2003, 278, 34674-34684.	1.6	54
56	Intracellular and Cell Surface Localization of a Complex between Î±MÎ²2 Integrin and Promatrix Metalloproteinase-9 Progelatinase in Neutrophils. Journal of Immunology, 2004, 172, 7060-7068.	0.4	54
57	Shedded neuronal ICAM-5 suppresses T-cell activation. Blood, 2008, 111, 3615-3625.	0.6	54
58	Regulation of LFA-1â€“dependent inflammatory cell recruitment by Cbl-b and 14-3-3 proteins. Blood, 2008, 111, 3607-3614.	0.6	52
59	Induction of aryl hydrocarbon hydroxylase activity and pulmonary carcinoma. International Journal of Cancer, 1979, 23, 302-305.	2.3	51
60	P marks the spot: site-specific integrin phosphorylation regulates molecular interactions. Trends in Biochemical Sciences, 2004, 29, 504-512.	3.7	51
61	Structural study of the sugar chains of human leukocyte common antigen CD45. Biochemistry, 1993, 32, 12694-12704.	1.2	50
62	Identification of a cell-surface glycoprotein mediating cell adhesion in EBV-immortalized normal B cells. International Journal of Cancer, 1986, 38, 539-547.	2.3	49
63	ICAM-5â€”A novel two-facetted adhesion molecule in the mammalian brain. Immunology Letters, 2008, 117, 131-135.	1.1	49
64	LDL-receptorâ€“related protein regulates Î²2-integrinâ€“mediated leukocyte adhesion. Blood, 2005, 105, 170-177.	0.6	48
65	Intercellular Adhesion Molecule-5 Induces Dendritic Outgrowth by Homophilic Adhesion. Journal of Cell Biology, 2000, 150, 243-252.	2.3	47
66	Developmental endothelial locus-1 attenuates complement-dependent phagocytosis through inhibition of Mac-1-integrin. Thrombosis and Haemostasis, 2014, 112, 1004-1006.	1.8	44
67	[18] Tritium labeling of cell-surface glycoproteins and glycolipids using galactose oxidase. Methods in Enzymology, 1978, 50, 204-206.	0.4	43
68	Cell surface glycoprotein analysis: A diagnostic tool in human leukemias. International Journal of Cancer, 1979, 23, 306-311.	2.3	43
69	Sialyl Lewisx- and L-selectin-dependent site-specific lymphocyte extravasation into renal transplants during acute rejection. European Journal of Immunology, 1994, 24, 1130-1136.	1.6	43
70	An Unusual Allosteric Mobility of the C-Terminal Helix of a High-Affinity Î±L Integrin I Domain Variant Bound to ICAM-5. Molecular Cell, 2008, 31, 432-437.	4.5	43
71	Fatty Chains of Different Lipid Classes of Semliki Forest Virus and Host Cell Membranes. Journal of Virology, 1972, 10, 433-438.	1.5	42
72	Proteins and glycoproteins of hamster kidney fibroblast (BHK21) plasma membranes and endoplasmic reticulum. Biochimica Et Biophysica Acta - Biomembranes, 1971, 249, 81-95.	1.4	41

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73	Adhesion-mediating molecules of human monocytes. Cellular Immunology, 1988, 113, 278-289.	1.4	41
74	Pilus Adhesin RrgA Interacts with Complement Receptor 3, Thereby Affecting Macrophage Function and Systemic Pneumococcal Disease. MBio, 2013, 4, e00535-12.	1.8	41
75	The cytoskeletal association of CD11/CD18 leukocyte integrins in phorbol ester-activated cells correlates with CD18 phosphorylation. European Journal of Immunology, 1999, 29, 2107-2118.	1.6	39
76	Cell-Free Synthesis and Glycosylatlon of the Major Human-Red-Cell Sialoglycoprotein, Glycophorin A. FEBS Journal, 1981, 114, 393-397.	0.2	38
77	Plasmodium falciparum: Cytoadherence of malaria-infected erythrocytes to human brain capillary and umbilical vein endothelial cellsâ€"A comparative study of adhesive ligands. Experimental Parasitology, 1992, 75, 269-280.	0.5	37
78	LFA-1 integrin antibodies inhibit leukocyte Î±4Î²1â€"mediated adhesion by intracellular signaling. Blood, 2016, 128, 1270-1281.	0.6	37
79	Ezrin is a substrate for Lck in T cells. FEBS Letters, 2003, 535, 82-86.	1.3	36
80	Potato Crop as a Source of Emetic Bacillus cereus and Cereulide-Induced Mammalian Cell Toxicity. Applied and Environmental Microbiology, 2013, 79, 3534-3543.	1.4	36
81	Surface labeling of semliki forest virus glycoproteins using galactose oxidase exposure of E3-glycoprotein. Virology, 1977, 76, 55-59.	1.1	35
82	Identification of the major human sialoglycoprotein from red cells, glycophorin AM, as the receptor for Escherichia coli IH 11165 and characterization of the receptor site. FEBS Journal, 1985, 147, 47-52.	0.2	35
83	Characterization of ICAM-4 binding to the I domains of the CD11a/CD18 and CD11b/CD18 leukocyte integrins. FEBS Journal, 2003, 270, 1710-1723.	0.2	35
84	Lck tyrosine kinase is important for activation of the CD11a/CD18-integrins in human T lymphocytes. European Journal of Immunology, 2002, 32, 1670.	1.6	34
85	Threonine Phosphorylation Sites in the Î²2and Î²7Leukocyte Integrin Polypeptides. Journal of Immunology, 2003, 170, 4170-4177.	0.4	34
86	Structural study of the O-linked sugar chains of human leukocyte tyrosine phosphatase CD45. FEBS Journal, 1998, 251, 288-294.	0.2	33
87	Characterization of Î²2 (CD18) integrin phosphorylation in phorbol ester-activated T lymphocytes. Biochemical Journal, 1999, 339, 119-125.	1.7	33
88	Phorbol 12,13-dibutyrate enhances lateral redistribution of membrane glycoproteins in human blood lymphocytes. European Journal of Immunology, 1984, 14, 781-787.	1.6	32
89	Î±-Actinin-dependent cytoskeletal anchorage is important for ICAM-5-mediated neuritic outgrowth. Journal of Cell Science, 2006, 119, 3057-3066.	1.2	32
90	Cell surface labeling of erythrocyte glycoproteins by galactose oxidase and Mn++-catalyzed coupling reaction with methionine sulfone hydrazide. Biochemical and Biophysical Research Communications, 1975, 64, 1028-1035.	1.0	31

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91	Rabbit leukocyte adhesion molecules and their participation in acute and delayed inflammatory responses and leukocyte distribution in vivo. Clinical Immunology and Immunopathology, 1990, 57, 105-119.	2.1	31
92	Activation of Natural Killer Cell Migration by Leukocyte Integrin-binding Peptide from Intracellular Adhesion Molecule-2 (ICAM-2). Journal of Biological Chemistry, 1995, 270, 8629-8636.	1.6	30
93	DC-SIGN binds ICAM-3 isolated from peripheral human leukocytes through Lewis x residues. Glycobiology, 2007, 17, 324-333.	1.3	30
94	Integrin CD11c/CD18 Î±-Chain Phosphorylation Is Functionally Important. Journal of Biological Chemistry, 2013, 288, 33494-33499.	1.6	30
95	TCR-Induced Activation of LFA-1 Involves Signaling through Tiam1. Journal of Immunology, 2011, 187, 3613-3619.	0.4	29
96	IDENTIFICATION AND CHARACTERIZATION OF NORMAL AND MALIGNANT HUMAN BLOOD LEUKOCYTES BY SURFACE GLYCOPROTEIN PATTERNS. Annals of the New York Academy of Sciences, 1978, 312, 240-255.	1.8	28
97	Molecular identification of T cell-specific antigens on human T lymphocytes and thymocytes. European Journal of Immunology, 1980, 10, 359-362.	1.6	28
98	Identification of blood group A-active glycoproteins in the human erythrocyte membrane. Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1980, 622, 344-354.	1.7	28
99	Exposure of major neutral glycolipids in red cells to galactose oxidase. Effect of neuraminidase. FEBS Journal, 1986, 157, 611-616.	0.2	28
100	Distribution of glycophorin on the surface of human erythrocyte membranes and its association with intramembrane particles: An immunochemical and freeze-fracture study of normal and En(aâ^') erythrocytes. Journal of Supramolecular Structure, 1978, 8, 337-347.	2.3	26
101	Cell surface characteristics of human histiocytic lymphoma lines-I. Surface glycoprotein patterns. Leukemia Research, 1980, 4, 271-277.	0.4	25
102	Subcellular localization of intercellular adhesion moleculeâ€5 (telencephalin) in the visual cortex is not developmentally regulated in the absence of matrix metalloproteinaseâ€9. Journal of Comparative Neurology, 2014, 522, 676-688.	0.9	25
103	How integrin phosphorylations regulate cell adhesion and signaling. Trends in Biochemical Sciences, 2022, 47, 265-278.	3.7	25
104	The human leukocyte-adhesion ligand, intercellular-adhesion molecule 2. Expression and characterization of the protein. FEBS Journal, 1991, 195, 177-182.	0.2	23
105	Structural study of N-linked oligosaccharides of human intercellular adhesion molecule-3 (CD50). FEBS Journal, 2001, 268, 1020-1029.	0.2	23
106	ICAM-5: A Neuronal Dendritic Adhesion Molecule Involved in Immune and Neuronal Functions. Advances in Neurobiology, 2014, 8, 117-132.	1.3	23
107	Blood-Group A and B Determinants are Located in Different Polyglycosyl Peptides Isolated from Human Erythrocytes of Blood-Group AB. FEBS Journal, 1981, 113, 259-265.	0.2	22
108	Major O-glycosylated sialoglycoproteins of human hematopoietic cells: Differentiation antigens with poorly understood functions. Journal of Cellular Biochemistry, 1988, 37, 91-105.	1.2	22

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109	The leukocyte surface antigens CD11b and CD18 mediate the oxidative burst activation of human peritoneal macrophages induced by type 1 fimbriated Escherichia coli. Journal of Leukocyte Biology, 1993, 54, 111-113.	1.5	22
110	Importance of molecular studies on major blood groupsâ€"Intercellular adhesion molecule-4, a blood group antigen involved in multiple cellular interactions. Biochimica Et Biophysica Acta - General Subjects, 2008, 1780, 456-466.	1.1	22
111	Regulation of cell adhesion: a collaborative effort of integrins, their ligands, cytoplasmic actors, and phosphorylation. Quarterly Reviews of Biophysics, 2019, 52, e10.	2.4	22
112	Specific Phosphorylations Transmit Signals from Leukocyte Î²2 to Î²1 Integrins and Regulate Adhesion. Journal of Biological Chemistry, 2014, 289, 32230-32242.	1.6	21
113	The Peptide Toxin Amylosin of Bacillus amyloliquefaciens from Moisture-Damaged Buildings Is Immunotoxic, Induces Potassium Efflux from Mammalian Cells, and Has Antimicrobial Activity. Applied and Environmental Microbiology, 2015, 81, 2939-2949.	1.4	21
114	Exposure of proteins and lipids in the Semliki Forest virus membrane. Virology, 1972, 50, 259-262.	1.1	20
115	Isolation and characterization of the blood group A-specific lectin from Vicia cracca. Biochimica Et Biophysica Acta (BBA) - Protein Structure, 1980, 622, 337-343.	1.7	18
116	Fusion of Semliki forest virus with red cell membranes. Virology, 1981, 110, 366-374.	1.1	18
117	14-3-3 Proteins Bind Both Filamin and ÂLbeta2 Integrin in Activated T Cells. Annals of the New York Academy of Sciences, 2006, 1090, 318-325.	1.8	18
118	Organization of Glycoprotein and Glycolipid in the Plasma Membrane of Normal and Transformed Cells as Revealed by Galactose Oxidase. , 1976, 8, 131-165.		18
119	Chapter 4 Membrane glycoproteins and glycolipids: structure, localization and function of the carbohydrate. New Comprehensive Biochemistry, 1981, 1, 127-160.	0.1	17
120	A CD44 monoclonal antibody differentially regulates CD11a/CD18 binding to intercellular adhesion molecules CD54, CD102 and CD50. European Journal of Immunology, 1995, 25, 2460-2464.	1.6	17
121	Neuronal ICAM-5 Inhibits Microglia Adhesion and Phagocytosis and Promotes an Anti-inflammatory Response in LPS Stimulated Microglia. Frontiers in Molecular Neuroscience, 2017, 10, 431.	1.4	17
122	Fibronectin isoforms in plasma membrane domains of normal and regenerating rat liver. FEBS Letters, 1988, 228, 135-138.	1.3	16
123	An essential role for calmodulin in regulating human T cell aggregation. FEBS Letters, 2001, 491, 131-136.	1.3	16
124	Interfering with leukocyte integrin activationâ€"a novel concept in the development of antiâ€inflammatory drugs. Annals of Medicine, 2006, 38, 503-511.	1.5	16
125	Surface glycoproteins of malignant human leukocytes. Biochimica Et Biophysica Acta: Reviews on Cancer, 1982, 651, 65-83.	3.3	15
126	Intercellular adhesion molecule-1 in extravasation of normal mononuclear and leukaemia cells. British Journal of Haematology, 2001, 113, 989-1000.	1.2	15

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127	Acute Erythroleukaemia with L3 Morphology and the 14q+ Chromosome. Scandinavian Journal of Haematology, 1982, 29, 75-82.	0.0	15
128	ISOLATION OF PLASMA MEMBRANE FRAGMENTS FROM BHK21 CELLS. Acta Pathologica Et Microbiologica Scandinavica - Section B Microbiology and Immunology, 1970, 78B, 176-182.	0.0	15
129	Hydrophobic Interaction between the SH2 Domain and the Kinase Domain Is Required for the Activation of Csk. Journal of Molecular Biology, 2010, 399, 618-627.	2.0	15
130	Cell surface proteins: changes during cell growth and malignant transformation. , 1977, , 371-421.		15
131	Purification in large scale and characterization of the human leukocyte adhesion glycoprotein GP90 (CD 18). FEBS Journal, 1988, 170, 653-659.	0.2	14
132	Leukocyte Adhesionâ€™an Integrated Molecular Process at the Leukocyte Plasma Membrane. Bioscience Reports, 1999, 19, 273-281.	1.1	14
133	Characterization of Î²2 (CD18) integrin phosphorylation in phorbol ester-activated T lymphocytes. Biochemical Journal, 1999, 339, 119.	1.7	14
134	Phospholipid composition and external labeling of aminophospholipids of human En(aâ˜') erythrocyte membranes which lack the major sialoglycoprotein (glycophorin a). Biochimica Et Biophysica Acta - Biomembranes, 1979, 554, 114-124.	1.4	13
135	The pivotal role of the Leu-CAM and ICAM molecules in human leukocyte adhesion. Cell Differentiation and Development, 1990, 32, 239-245.	0.4	13
136	Regulation of Integrin Activity by Phosphorylation. Advances in Experimental Medicine and Biology, 2014, 819, 85-96.	0.8	13
137	Presence of erythrocytic components in the K562 cell line. International Journal of Cancer, 1979, 24, 514-514.	2.3	12
138	Cell surface characteristics of human histiocytic lymphoma cell lines. II. Expression of Helix pomatia a hemagglutinin binding surface glycoproteins, HLA-DR and common acute lymphocytic leukemia (cALL) antigen. Leukemia Research, 1981, 5, 185-193.	0.4	12
139	Oxidation of glycolipids in liposomes by galactose oxidase. FEBS Journal, 1988, 178, 87-91.	0.2	12
140	[3] Nonmetabolic radiolabeling and tagging of Glycoconjugates. Methods in Enzymology, 1994, 230, 32-44.	0.4	12
141	Phosphorylation of the Î±-chain in the integrin LFA-1 enables Î²2-chain phosphorylation and Î±-actinin binding required for cell adhesion. Journal of Biological Chemistry, 2018, 293, 12318-12330.	1.6	12
142	Pre-replicative changes of the rat sinusoidal plasma membrane glycoproteins during hepatic regeneration. FEBS Letters, 1985, 181, 12-16.	1.3	11
143	Surface glycoproteins of human non-T, non-B acute lymphocytic leukemia cell lines. Leukemia Research, 1980, 4, 279-286.	0.4	10
144	Leukocyte Cell Adhesion Proteins: from Molecular Dissection to Clinical Applications. Annals of Medicine, 1992, 24, 329-335.	1.5	10

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145	Crystal structures of an ICAM-5 ectodomain fragment show electrostatic-based homophilic adhesions. Acta Crystallographica Section D: Biological Crystallography, 2014, 70, 1934-1943.	2.5	10
146	Blood lymphoblasts in infectious mononucleosis express the surface glycoprotein pattern of killer T cells. Clinical Immunology and Immunopathology, 1978, 10, 41-46.	2.1	9
147	[22] Glycophorin A: In vitro biogenesis and processing. Methods in Enzymology, 1983, 96, 281-298.	0.4	9
148	Calmodulin may decrease cell surface sialic acid and be involved in the expression of fibronectin during liver regeneration. FEBS Letters, 1986, 208, 418-422.	1.3	8
149	A Case of Pure Monocytic Leukaemia in a Child â€" Characterization of Cellular Morphology, Membrane Markers, Surface Glycoproteins and Karyotype. Scandinavian Journal of Haematology, 1979, 22, 47-52.	0.0	8
150	ICAM-5 affects spine maturation by regulation of NMDA receptor binding to Î±-actinin. Biology Open, 2015, 4, 125-136.	0.6	8
151	Molecular characterization of the Ly-6.2 antigen. Cellular Immunology, 1981, 64, 187-191.	1.4	6
152	Expression and characterization of a B cell growth promoting polypeptide derived from the 12 kDa B cell growth factor gene (BCGF 1). FEBS Letters, 1995, 361, 233-237.	1.3	5
153	Interactions between intercellular adhesion molecule-5 positive elements and their surroundings in the rodent visual cortex. Communicative and Integrative Biology, 2013, 6, e27315.	0.6	5
154	Membrane Glycoconjugates in the Maturation and Activation of T and B Lymphocytes. , 1982, , 231-264.		5
155	Molecular Characteristics of the Blood Group Rho(D) Molecule. Sub-Cellular Biochemistry, 1988, 12, 95-117.	1.0	5
156	Effects of sodium butyrate on human chronic myelogenous leukaemia cell line K562 (reply). Nature, 1979, 281, 710-710.	13.7	4
157	Detection of glycoproteins in the Acanthamoeba plasma membrane. Experimental Cell Research, 1988, 179, 253-262.	1.2	4
158	Membrane Glycoprotein Patterns of Normal and Malignant Human Leukocytes. Advances in Experimental Medicine and Biology, 1979, 114, 623-628.	0.8	4
159	Synthesis of fluorescent oligosaccharides for covalent attachment to living cells. Analytical Biochemistry, 1988, 170, 520-527.	1.1	3
160	Activation of Leukocyte Î²2â€integrins. Vox Sanguinis, 2002, 83, 355-358.	0.7	2
161	CHARACTERIZATION OF THE ACID PHOSPHATASE ACTIVITY IN THE PLASMA MEMBRANE FRACTION FROM BABY HAMSTER KIDNEY CELLS (BHK21). Acta Pathologica Et Microbiologica Scandinavica - Section B Microbiology and Immunology, 1970, 78B, 451-458.	0.0	2
162	Binding of T lymphocytes to hippocampal neurons through ICAM-5 (telencephalin) and characterization of its interaction with the leukocyte integrin CD11aâ€‰/â€‰CD18. European Journal of Immunology, 2000, 30, 810-818.	1.6	2

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163	Regulation of Dynamic Cell Adhesion by Integrin-Integrin Crosstalk. Cells, 2022, 11, 1685.	1.8	2
164	Surface glycoprotein changes during normal and malignant haematopoietic differentiation. Biochemical Society Transactions, 1984, 12, 549-552.	1.6	1
165	Cell adhesion: a partner for many. Blood, 2004, 103, 1183-1183.	0.6	1
166	Professor Sen-itiroh Hakomori (1929â€“2020): A tribute to a remarkable glycobiologist, mentor and friend!. Glycobiology, 2021, 31, 708-712.	1.3	1
167	Identification of nonâ€T nonâ€B lymphocyte leukaemia patients with favourable prognosis by cell surface glycoprotein analysis. Scandinavian Journal of Haematology, 1985, 35, 56-62.	0.0	0
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