Paul R Crocker

List of Publications by Year
in descending order

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176 papers	17,972 citations	7069 78 h-index	13727 129 g-index
180 all docs	180 docs citations	180 times ranked	13781 citing authors

#	Article	IF	Citations
1	Quantitative Proteomics of Polarised Macrophages Derived from Induced Pluripotent Stem Cells. Biomedicines, 2022, 10, 239.	1.4	3
2	Siglec-15 recognition of sialoglycans on tumor cell lines can occur independently of sialyl Tn antigen expression. Glycobiology, 2021, 31, 44-54.	1.3	19
3	Siglec-E retards atherosclerosis by inhibiting CD36-mediated foam cell formation. Journal of Biomedical Science, 2021, 28, 5.	2.6	17
4	Dissemination of Mycobacterium tuberculosis is associated to a SIGLEC1 null variant that limits antigen exchange via trafficking extracellular vesicles. Journal of Extracellular Vesicles, 2021, 10, e12046.	5.5	9
5	Activation of regulatory T cells triggers specific changes in glycosylation associated with Siglec-1-dependent inflammatory responses. Wellcome Open Research, 2021, 6, 134.	0.9	1
6	Siglec and anti-Siglec therapies. Current Opinion in Chemical Biology, 2021, 62, 34-42.	2.8	47
7	Siglec-7 Mediates Immunomodulation by Colorectal Cancer-Associated Fusobacterium nucleatum ssp. animalis. Frontiers in Immunology, 2021, 12, 744184.	2.2	10
8	Behavior of glycolylated sialoglycans in the binding pockets of murine and human CD22. IScience, 2021, 24, 101998.	1.9	8
9	Characterisation of the Dynamic Interactions between Complex Nâ€Glycans and Human CD22. ChemBioChem, 2020, 21, 129-140.	1.3	16
10	Unveiling Molecular Recognition of Sialoglycans by Human Siglec-10. IScience, 2020, 23, 101231.	1.9	24
11	Discovery of a new sialic acid binding region that regulates Siglec-7. Scientific Reports, 2020, 10, 8647.	1.6	25
12	Siglecâ€E Retards Atherosclerosis by Inhibiting CD36â€Mediated Foam Cell Formation. FASEB Journal, 2020, 34, 1-1.	0.2	0
13	Intracellular replication of Streptococcus pneumoniae inside splenic macrophages serves as a reservoir for septicaemia. Nature Microbiology, 2018, 3, 600-610.	5.9	110
14	Functional CD169 on Macrophages Mediates Interaction with Dendritic Cells for CD8+ T Cell Cross-Priming. Cell Reports, 2018, 22, 1484-1495.	2.9	106
15	Tumor Necrosis Factor-Mediated Survival of CD169 ⁺ Cells Promotes Immune Activation during Vesicular Stomatitis Virus Infection. Journal of Virology, 2018, 92, .	1.5	16
16	Siglecâ€H is a microgliaâ€specific marker that discriminates microglia from CNSâ€associated macrophages and CNSâ€infiltrating monocytes. Glia, 2017, 65, 1927-1943.	2.5	123
17	Identification of lectin counter-receptors on cell membranes by proximity labeling. Glycobiology, 2017, 27, 800-805.	1.3	27
18	Expression of Siglec-E Alters the Proteome of Lipopolysaccharide (LPS)-Activated Macrophages but Does Not Affect LPS-Driven Cytokine Production or Toll-Like Receptor 4 Endocytosis. Frontiers in Immunology, 2017, 8, 1926.	2.2	22

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19	Lectin Receptors Expressed on Myeloid Cells. Microbiology Spectrum, 2016, 4, .	1.2	48
20	Sialylation and Immune Surveillance of Cancer by Siglecs. , 2016, , 125-138.		0
21	The mucin MUC1 modulates the tumor immunological microenvironment through engagement of the lectin Siglec-9. Nature Immunology, 2016, 17, 1273-1281.	7.0	277
22	Detection of mSiglec-E, in solution and expressed on the surface of Chinese hamster ovary cells, using sialic acid functionalised gold nanoparticles. Analyst, The, 2016, 141, 5799-5809.	1.7	10
23	Sialic acid-modified antigens impose tolerance via inhibition of T-cell proliferation and de novo induction of regulatory T cells. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3329-3334.	3.3	135
24	Migratory and adhesive cues controlling innate-like lymphocyte surveillance of the pathogen-exposed surface of the lymph node. ELife, 2016, 5, .	2.8	79
25	Mouse Siglec-1 Mediates trans-Infection of Surface-bound Murine Leukemia Virus in a Sialic Acid N-Acyl Side Chain-dependent Manner. Journal of Biological Chemistry, 2015, 290, 27345-27359.	1.6	38
26	Non-invasive molecular imaging of inflammatory macrophages in allograft rejection. EJNMMI Research, 2015, 5, 69.	1.1	11
27	O-glycans direct selectin ligands to lipid rafts on leukocytes. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 8661-8666.	3.3	53
28	Granulocyte Macrophage Colony-Stimulating Factor-Activated Eosinophils Promote Interleukin-23 Driven Chronic Colitis. Immunity, 2015, 43, 187-199.	6.6	150
29	Siglec-E Promotes Î²2-Integrin-dependent NADPH Oxidase Activation to Suppress Neutrophil Recruitment to the Lung. Journal of Biological Chemistry, 2014, 289, 20370-20376.	1.6	52
30	Pseudaminic Acid on Campylobacter jejuni Flagella Modulates Dendritic Cell IL-10 Expression via Siglec-10 Receptor: A Novel Flagellin-Host Interaction. Journal of Infectious Diseases, 2014, 210, 1487-1498.	1.9	70
31	Group B Streptococcus Engages an Inhibitory Siglec through Sialic Acid Mimicry to Blunt Innate Immune and Inflammatory Responses In Vivo. PLoS Pathogens, 2014, 10, e1003846.	2.1	108
32	Introduction to Special Issue: 'Emerging Roles of Siglecs in Health and Disease'. Glycobiology, 2014, 24, 784-784.	1.3	1
33	Peripheral prion disease pathogenesis is unaltered in the absence of sialoadhesin (Siglecâ€1/<scp>CD</scp>169). Immunology, 2014, 143, 120-129.	2.0	14
34	Inverse hormesis of cancer growth mediated by narrow ranges of tumor-directed antibodies. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 5998-6003.	3.3	64
35	Siglec-mediated regulation of immune cell function in disease. Nature Reviews Immunology, 2014, 14, 653-666.	10.6	835
36	Role of macrophage sialoadhesin in host defense against the sialylated pathogen group B Streptococcus. Journal of Molecular Medicine, 2014, 92, 951-959.	1.7	41

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37	Siglec-F-dependent negative regulation of allergen-induced eosinophilia depends critically on the experimental model. Immunology Letters, 2014, 160, 11-16.	1.1	20
38	CD169 mediates the capture of exosomes in spleen and lymph node. Blood, 2014, 123, 208-216.	0.6	303
39	Sialoadhesin deficiency does not influence the severity of lupus nephritis in New Zealand Black x New Zealand White F1 mice. Arthritis Research and Therapy, 2013, 15, R175.	1.6	5
40	Targeted delivery of lipid antigen to macrophages via the CD169/sialoadhesin endocytic pathway induces robust invariant natural killer T cell activation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 7826-7831.	3.3	101
41	Sialoadhesin Ligand Expression Identifies a Subset of CD4+Foxp3â^' T Cells with a Distinct Activation and Glycosylation Profile. Journal of Immunology, 2013, 190, 2593-2602.	0.4	22
42	Galactose 6-O-Sulfotransferases Are Not Required for the Generation of Siglec-F Ligands in Leukocytes or Lung Tissue. Journal of Biological Chemistry, 2013, 288, 26533-26545.	1.6	41
43	Siglec-E is a negative regulator of acute pulmonary neutrophil inflammation and suppresses CD11b Î²2-integrinâ€“dependent signaling. Blood, 2013, 121, 2084-2094.	0.6	94
44	Sialoadhesin Promotes Rapid Proinflammatory and Type I IFN Responses to a Sialylated Pathogen, Campylobacter jejuni. Journal of Immunology, 2012, 189, 2414-2422.	0.4	71
45	Sialoadhesin in recognition of self and non-self. Seminars in Immunopathology, 2012, 34, 353-364.	2.8	77
46	CD33â€related siglecs as potential modulators of inflammatory responses. Annals of the New York Academy of Sciences, 2012, 1253, 102-111.	1.8	75
47	Antigen Delivery to Macrophages Using Liposomal Nanoparticles Targeting Sialoadhesin/CD169. PLoS ONE, 2012, 7, e39039.	1.1	87
48	Dualistic role of tumorâ€directed antibodies on carcinoma progression. FASEB Journal, 2012, 26, 999.3.	0.2	0
49	Chemoenzymatic synthesis of sialooligosaccharides on arrays for studies of cell surface adhesion. Chemical Communications, 2011, 47, 5425-5427.	2.2	30
50	Siglecs Facilitate HIV-1 Infection of Macrophages through Adhesion with Viral Sialic Acids. PLoS ONE, 2011, 6, e24559.	1.1	94
51	Siglec-9 is a novel leukocyte ligand for vascular adhesion protein-1 and can be used in PET imaging of inflammation and cancer. Blood, 2011, 118, 3725-3733.	0.6	100
52	Evolution of CD33-related siglecs: regulating host immune functions and escaping pathogen exploitation?. Immunology, 2011, 132, 18-26.	2.0	135
53	Developmental, Malignancy-Related, and Cross-Species Analysis of Eosinophil, Mast Cell, and Basophil Siglec-8 Expression. Journal of Clinical Immunology, 2011, 31, 1045-1053.	2.0	50
54	An expression system for screening of proteins for glycan and protein interactions. Analytical Biochemistry, 2011, 411, 261-270.	1.1	13

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55	Synthetic Glycans, Glycoarrays, and Glyconanoparticles To Investigate Host Infection byTrypanosoma cruzi. ACS Symposium Series, 2011, , 143-159.	0.5	1
56	Campylobacter jejuni Lipooligosaccharides Modulate Dendritic Cell-Mediated T Cell Polarization in a Sialic Acid Linkage-Dependent Manner. Infection and Immunity, 2011, 79, 2681-2689.	1.0	72
57	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. Journal of Biological Chemistry, 2011, 286, 34522-34532.	1.6	42
58	In vivo targeting of B-cell lymphoma with glycan ligands of CD22. Blood, 2010, 115, 4778-4786.	0.6	182
59	Sialic acids acquired by Pseudomonas aeruginosa are involved in reduced complement deposition and siglec mediated hostâ€cell recognition. FEBS Letters, 2010, 584, 555-561.	1.3	66
60	Glycomics of the Immune System. , 2010, , 235-261.		1
61	Siglec-E is up-regulated and phosphorylated following lipopolysaccharide stimulation in order to limit TLR-driven cytokine production. Journal of Immunology, 2010, 184, 1655-1655.	0.4	0
62	The M/GP5 Glycoprotein Complex of Porcine Reproductive and Respiratory Syndrome Virus Binds the Sialoadhesin Receptor in a Sialic Acid-Dependent Manner. PLoS Pathogens, 2010, 6, e1000730.	2.1	129
63	Characterization of the Specific Interaction between Sialoadhesin and Sialylated Campylobacter jejuni Lipooligosaccharides. Infection and Immunity, 2010, 78, 3237-3246.	1.0	85
64	Eosinophil-Selective Binding and Proapoptotic Effect in Vitro of a Synthetic Siglec-8 Ligand, Polymeric 6â€²-Sulfated Sialyl Lewis X. Journal of Pharmacology and Experimental Therapeutics, 2009, 330, 608-612.	1.3	72
65	Siglec-E Is Up-Regulated and Phosphorylated Following Lipopolysaccharide Stimulation in Order to Limit TLR-Driven Cytokine Production. Journal of Immunology, 2009, 183, 7703-7709.	0.4	70
66	Enhancing the Receptor Affinity of the Sialic Acid-binding Domain of Vibrio cholerae Sialidase through Multivalency. Journal of Biological Chemistry, 2009, 284, 7339-7351.	1.6	37
67	Glycoimmunology: ignore at your peril!. Immunological Reviews, 2009, 230, 5-8.	2.8	28
68	Analysis of sialoadhesin expression on mouse alveolar macrophages. Immunology Letters, 2009, 124, 77-80.	1.1	20
69	PEGylation of Anti-Sialoadhesin Monoclonal Antibodies Enhances Their Inhibitory Potencies without Impairing Endocytosis in Mouse Peritoneal Macrophages. Bioconjugate Chemistry, 2009, 20, 295-303.	1.8	9
70	Analysis of lectin binding to glycolipid complexes using combinatorial glycoarrays. Glycobiology, 2009, 19, 789-796.	1.3	57
71	Sialoadhesin-Positive Macrophages Bind Regulatory T Cells, Negatively Controlling Their Expansion and Autoimmune Disease Progression. Journal of Immunology, 2009, 182, 6508-6516.	0.4	74
72	Human Siglec-10 can bind to vascular adhesion protein-1 and serves as its substrate. Blood, 2009, 114, 5385-5392.	0.6	76

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73	3P-066 Docking simulation and biochemical analyses of sialylated glycan recognition of sialic acid binding Ig-like lectin (Siglec)-7(Protein:Function,The 47th Annual Meeting of the Biophysical Society of) Tj ETQq1 1 0.784314 rgBT /O		
74	Surface plasmon resonance imaging for real-time, label-free analysis of protein interactions with carbohydrate microarrays. Glycoconjugate Journal, 2008, 25, 69-74.	1.4	93
75	A Versatile Gold Surface Approach for Fabrication and Interrogation of Glycoarrays. ChemBioChem, 2008, 9, 1568-1575.	1.3	88
76	CD33-related sialic-acid-binding immunoglobulin-like lectins in health and disease. Carbohydrate Research, 2008, 343, 2050-2056.	1.1	40
77	Siglecâ€F antibody administration to mice selectively reduces blood and tissue eosinophils. Allergy: European Journal of Allergy and Clinical Immunology, 2008, 63, 1156-1163.	2.7	118
78	Siglecs as positive and negative regulators of the immune system. Biochemical Society Transactions, 2008, 36, 1467-1471.	1.6	146
79	The Inhibitory Potencies of Monoclonal Antibodies to the Macrophage Adhesion Molecule Sialoadhesin Are Greatly Increased Following PEGylation. Bioconjugate Chemistry, 2008, 19, 2088-2094.	1.8	5
80	Individual plasmacytoid dendritic cells are major contributors to the production of multiple innate cytokines in an organ-specific manner during viral infection. International Immunology, 2008, 20, 45-56.	1.8	63
81	Sialoadhesin Expression in Intact Degenerating Retinas and Following Transplantation. , 2008, 49, 5602.		13
82	Dendritic Cell Maturation Results in Pronounced Changes in Glycan Expression Affecting Recognition by Siglecs and Galectins. Journal of Immunology, 2007, 179, 8216-8224.	0.4	117
83	SOCS3 Targets Siglec 7 for Proteasomal Degradation and Blocks Siglec 7-mediated Responses. Journal of Biological Chemistry, 2007, 282, 3418-3422.	1.6	55
84	Distinct Endocytic Mechanisms of CD22 (Siglec-2) and Siglec-F Reflect Roles in Cell Signaling and Innate Immunity. Molecular and Cellular Biology, 2007, 27, 5699-5710.	1.1	118
85	MUC1 Is a Counter-Receptor for Myelin-Associated Glycoprotein (Siglec-4a) and Their Interaction Contributes to Adhesion in Pancreatic Cancer Perineural Invasion. Cancer Research, 2007, 67, 10222-10229.	0.4	88
86	Porcine Arterivirus Attachment to the Macrophage-Specific Receptor Sialoadhesin Is Dependent on the Sialic Acid-Binding Activity of the N-Terminal Immunoglobulin Domain of Sialoadhesin. Journal of Virology, 2007, 81, 9546-9550.	1.5	96
87	Crystallographic and in Silico Analysis of the Sialoside-binding Characteristics of the Siglec Sialoadhesin. Journal of Molecular Biology, 2007, 365, 1469-1479.	2.0	30
88	Intravenous immunoglobulin preparations contain antiâ€“Siglec-8 autoantibodies. Journal of Allergy and Clinical Immunology, 2007, 119, 1005-1011.	1.5	97
89	Neoglycolipid Probes Prepared via Oxime Ligation for Microarray Analysis of Oligosaccharide-Protein Interactions. Chemistry and Biology, 2007, 14, 847-859.	6.2	126
90	Analysis of the CD33-related siglec family reveals that Siglec-9 is an endocytic receptor expressed on subsets of acute myeloid leukemia cells and absent from normal hematopoietic progenitors. Leukemia Research, 2007, 31, 211-220.	0.4	54

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91	Siglec-G is a B1 cellâ€“inhibitory receptor that controls expansion and calcium signaling of the B1 cell population. Nature Immunology, 2007, 8, 695-704.	7.0	178
92	Siglecs and their roles in the immune system. Nature Reviews Immunology, 2007, 7, 255-266.	10.6	1,642
93	Differences in the constitutive and SIV infection induced expression of Siglecs by hematopoietic cells from non-human primates. Cellular Immunology, 2007, 250, 91-104.	1.4	21
94	Sialoadhesin deficiency ameliorates myelin degeneration and axonopathic changes in the CNS of PLP overexpressing mice. Neurobiology of Disease, 2007, 25, 105-111.	2.1	51
95	Carbohydrate microarrays reveal sulphation as a modulator of siglec binding. Biochemical and Biophysical Research Communications, 2006, 344, 1141-1146.	1.0	85
96	Attenuated demyelination in the absence of the macrophage-restricted adhesion molecule sialoadhesin (Siglec-1) in mice heterozygously deficient in P0. Molecular and Cellular Neurosciences, 2006, 31, 685-691.	1.0	38
97	Negative regulation of leucocyte functions by CD33-related siglecs. Biochemical Society Transactions, 2006, 34, 1024-1027.	1.6	41
98	Characterization of Siglec-H as a novel endocytic receptor expressed on murine plasmacytoid dendritic cell precursors. Blood, 2006, 107, 3600-3608.	0.6	231
99	The structure of siglec-7 in complex with sialosides: leads for rational structure-based inhibitor design. Biochemical Journal, 2006, 397, 271-278.	1.7	70
100	Alteration and acquisition of Siglecs during in vitro maturation of CD34+ progenitors into human mast cells. Allergy: European Journal of Allergy and Clinical Immunology, 2006, 61, 769-776.	2.7	83
101	Probing sialic acid binding Ig-like lectins (siglecs) with sulfated oligosaccharides. Biochemistry (Moscow), 2006, 71, 496-504.	0.7	29
102	The antigen recognized by MOMA-I is sialoadhesin. Immunology Letters, 2006, 106, 96-98.	1.1	22
103	Sialoadhesin Promotes the Inflammatory Response in Experimental Autoimmune Uveoretinitis. Journal of Immunology, 2006, 177, 2258-2264.	0.4	45
104	Sialic Acid-Binding Immunoglobulin-Like Lectin 7 Mediates Selective Recognition of Sialylated Glycans Expressed on Campylobacter jejuni Lipooligosaccharides. Infection and Immunity, 2006, 74, 4133-4141.	1.0	116
105	Sialoadhesin-Deficient Mice Exhibit Subtle Changes in B- and T-Cell Populations and Reduced Immunoglobulin M Levels. Molecular and Cellular Biology, 2006, 26, 1549-1557.	1.1	88
106	Probing the cis interactions of the inhibitory receptor Siglec-7 with Î±2,8-disialylated ligands on natural killer cells and other leukocytes using glycan-specific antibodies and by analysis of Î±2,8-sialyltransferase gene expression. Journal of Leukocyte Biology, 2006, 80, 787-796.	1.5	72
107	Siglec-7 Undergoes a Major Conformational Change When Complexed with the Î±(2,8)-Disialylganglioside GT1b. Journal of Biological Chemistry, 2006, 281, 32774-32783.	1.6	82
108	Plasmacytoid Dendritic Cells Do Not Migrate in Intestinal or Hepatic Lymph. Journal of Immunology, 2006, 177, 6115-6121.	0.4	53

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109	Siglec-5 (CD170) Can Mediate Inhibitory Signaling in the Absence of Immunoreceptor Tyrosine-based Inhibitory Motif Phosphorylation. Journal of Biological Chemistry, 2005, 280, 19843-19851.	1.6	92
110	Mouse Siglec-F and human Siglec-8 are functionally convergent paralogs that are selectively expressed on eosinophils and recognize 6â€²-sulfo-sialyl Lewis X as a preferred glycan ligand. Glycobiology, 2005, 15, 1125-1135.	1.3	153
111	Siglecs in innate immunity. Current Opinion in Pharmacology, 2005, 5, 431-437.	1.7	191
112	The Membrane-Proximal Immunoreceptor Tyrosine-Based Inhibitory Motif Is Critical for the Inhibitory Signaling Mediated by Siglecs-7 and -9, CD33-Related Siglecs Expressed on Human Monocytes and NK Cells. Journal of Immunology, 2004, 173, 6841-6849.	0.4	164
113	Identification of Sialoadhesin as a Dominant Lymph Node Counter-receptor for Mouse Macrophage Galactose-type C-type Lectin 1. Journal of Biological Chemistry, 2004, 279, 49274-49280.	1.6	45
114	Does the cellular glycome influence the binding properties and signalling functions of siglecs in the immune system?. International Journal of Experimental Pathology, 2004, 85, A50-A50.	0.6	0
115	The murine inhibitory receptor mSiglec-E is expressed broadly on cells of the innate immune system whereas mSiglec-F is restricted to eosinophils. European Journal of Immunology, 2004, 34, 1175-1184.	1.6	178
116	Complex of sialoadhesin with a glycopeptide ligand. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2004, 1702, 173-179.	1.1	16
117	Expression of CD33-related siglecs on human mononuclear phagocytes, monocyte-derived dendritic cells and plasmacytoid dendritic cells. Immunobiology, 2004, 209, 199-207.	0.8	109
118	Structure-Guided Design of Sialic Acid-Based Siglec Inhibitors and Crystallographic Analysis in Complex with Sialoadhesin. Structure, 2003, 11, 557-567.	1.6	97
119	Ganglioside GD3 expression on target cells can modulate NK cell cytotoxicity via siglec-7-dependent and -independent mechanisms. European Journal of Immunology, 2003, 33, 1642-1648.	1.6	228
120	Ganglioside binding pattern of CD33-related siglecs. Bioorganic and Medicinal Chemistry Letters, 2003, 13, 675-678.	1.0	45
121	Recognition of sialylated meningococcal lipopolysaccharide by siglecs expressed on myeloid cells leads to enhanced bacterial uptake. Molecular Microbiology, 2003, 49, 1213-1225.	1.2	207
122	Glycopeptides as Oligosaccharide Mimics:â€‰ High Affinity Sialopeptide Ligands for Sialoadhesin from Combinatorial Libraries. ACS Combinatorial Science, 2003, 5, 18-27.	3.3	28
123	Sialoside Specificity of the Siglec Family Assessed Using Novel Multivalent Probes. Journal of Biological Chemistry, 2003, 278, 31007-31019.	1.6	200
124	Identification and characterization of adsorbed serum sialoglycans on Leishmania donovani promastigotes. Glycobiology, 2003, 13, 351-361.	1.3	56
125	High Resolution Crystal Structures of Siglec-7. Journal of Biological Chemistry, 2003, 278, 3372-3377.	1.6	109
126	Cloning and Characterization of Human Siglec-11. Journal of Biological Chemistry, 2002, 277, 24466-24474.	1.6	171

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127	Lymph node macrophages, but not spleen macrophages, express high levels of unmasked sialoadhesin: implication for the adhesive properties of macrophages in vivo. Glycobiology, 2002, 12, 209-216.	1.3	32
128	A Small Region of the Natural Killer Cell Receptor, Siglec-7, Is Responsible for Its Preferred Binding to Î±2,8-Disialyl and Branched Î±2,6-Sialyl Residues. Journal of Biological Chemistry, 2002, 277, 6324-6332.	1.6	165
129	Siglecs: sialic-acid-binding immunoglobulin-like lectins in cellâ€“cell interactions and signalling. Current Opinion in Structural Biology, 2002, 12, 609-615.	2.6	299
130	Differential Expression of Î²-Galactoside Î±2,6 Sialyltransferase and Sialoglycans in Normal and Cirrhotic Liver and Hepatocellular Carcinoma. Laboratory Investigation, 2002, 82, 1515-1524.	1.7	29
131	New I-type lectins of the CD 33-related siglec subgroup identified through genomics. Biochemical Society Symposia, 2002, 69, 83-94.	2.7	7
132	Siglecs, sialic acids and innate immunity. Trends in Immunology, 2001, 22, 337-342.	2.9	359
133	Characterization of human sialoadhesin, a sialic acid binding receptor expressed by resident and inflammatory macrophage populations. Blood, 2001, 97, 288-296.	0.6	265
134	Identification, characterization and leucocyte expression of Siglec-10, a novel human sialic acid-binding receptor. Biochemical Journal, 2001, 355, 489-497.	1.7	107
135	New Functions for the Sialic Acid-Binding Adhesion Molecule CD22, a Member of the Growing Family of Siglecs. Scandinavian Journal of Immunology, 2001, 53, 227-234.	1.3	40
136	Fluorescent carbohydrate probes for cell lectins. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2001, 57, 2285-2296.	2.0	17
137	Siglecs in the immune system. Immunology, 2001, 103, 137-145.	2.0	241
138	Overexpression of MUC1 reconfigures the binding properties of tumor cells. International Journal of Cancer, 2001, 94, 783-791.	2.3	86
139	Cutting Edge: CD43 Functions as a T Cell Counterreceptor for the Macrophage Adhesion Receptor Sialoadhesin (Siglec-1). Journal of Immunology, 2001, 166, 3637-3640.	0.4	124
140	Identification, characterization and leucocyte expression of Siglec-10, a novel human sialic acid-binding receptor. Biochemical Journal, 2001, 355, 489.	1.7	84
141	A novel subset of murine B cells that expresses unmasked forms of CD22 is enriched in the bone marrow: implications for B-cell homing to the bone marrow. Immunology, 2000, 101, 342-347.	2.0	48
142	Loss of N-Glycolylneuraminic Acid in Human Evolution. Journal of Biological Chemistry, 2000, 275, 8633-8640.	1.6	146
143	Siglec-8. Journal of Biological Chemistry, 2000, 275, 861-866.	1.6	186
144	Siglec-9, a Novel Sialic Acid Binding Member of the Immunoglobulin Superfamily Expressed Broadly on Human Blood Leukocytes. Journal of Biological Chemistry, 2000, 275, 22121-22126.	1.6	193

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145	Ultrastructural Localisation of Sialoadhesin (Siglec- 1) on Macrophages in Rodent Lymphoid Tissues. Immunobiology, 2000, 202, 309-325.	0.8	18
146	Sialoadhesin-Positive Host Macrophages Play an Essential Role in Graft-Versus-Leukemia Reactivity in Mice. Blood, 1999, 93, 4375-4386.	0.6	47
147	Identification of CD22 Ligands on Bone Marrow Sinusoidal Endothelium Implicated in CD22-dependent Homing of Recirculating B Cells. Journal of Experimental Medicine, 1999, 189, 1513-1518.	4.2	111
148	Identification and Characterization of a Novel Siglec, Siglec-7, Expressed by Human Natural Killer Cells and Monocytes. Journal of Biological Chemistry, 1999, 274, 34089-34095.	1.6	228
149	Cell-specific Glycoforms of Sialoadhesin and CD45 Are Counter-receptors for the Cysteine-rich Domain of the Mannose Receptor. Journal of Biological Chemistry, 1999, 274, 35211-35218.	1.6	88
150	Macrophage-tumour cell interactions: identification of MUC1 on breast cancer cells as a potential counter-receptor for the macrophage-restricted receptor, sialoadhesin. Immunology, 1999, 98, 213-219.	2.0	126
151	PECAM-1 and Leukosialin (CD43) Expression Correlate with Heightened Inflammation in Rat Adjuvant-Induced Arthritis. Experimental and Molecular Pathology, 1999, 66, 211-219.	0.9	13
152	Molecular analysis of sialoside binding to sialoadhesin by NMR and site-directed mutagenesis. Biochemical Journal, 1999, 341, 355-361.	1.7	54
153	Molecular analysis of sialoside binding to sialoadhesin by NMR and site-directed mutagenesis. Biochemical Journal, 1999, 341, 355.	1.7	27
154	Sialic acid binding receptors (siglecs) expressed by macrophages. Journal of Leukocyte Biology, 1999, 66, 705-711.	1.5	120
155	MyeliN-associated Glycoprotein Binding to Gangliosides: Structural Specificity and Functional Implicationsa. Annals of the New York Academy of Sciences, 1998, 845, 92-105.	1.8	66
156	Maintenance of granulocyte numbers during acute peritonitis is defective in galectinâ€3â€null mutant mice. Immunology, 1998, 94, 290-296.	2.0	155
157	Characterization of Siglec-5, a Novel Glycoprotein Expressed on Myeloid Cells Related to CD33. Blood, 1998, 92, 2123-2132.	0.6	168
158	Characterization of Siglec-5, a Novel Glycoprotein Expressed on Myeloid Cells Related to CD33. Blood, 1998, 92, 2123-2132.	0.6	10
159	Binding Specificities of the Sialoadhesin Family of I-type Lectins. Journal of Biological Chemistry, 1997, 272, 16889-16895.	1.6	135
160	Myelin-associated Glycoprotein Interacts with Neurons via a Sialic Acid Binding Site at ARG118 and a Distinct Neurite Inhibition Site. Journal of Cell Biology, 1997, 138, 1355-1366.	2.3	136
161	The potential role of sialoadhesin as a macrophage recognition molecule in health and disease. Glycoconjugate Journal, 1997, 14, 601-609.	1.4	67
162	Characterization of the mouse sialoadhesin gene, Sn. Mammalian Genome, 1997, 8, 934-937.	1.0	5

#	Article	IF	Citations
163	Carbohydrate recognition systems: functional triads in cellâ€"cell interactions. Current Opinion in Structural Biology, 1996, 6, 679-691.	2.6	301
164	The Sialoadhesins ? A family of sialic acid-dependent cellular recognition molecules within the immunoglobulin superfamily. Glycoconjugate Journal, 1996, 13, 913-926.	1.4	110
165	Constitutively hyposialylated human T-lymphocyte clones in the Tn-syndrome: binding characteristics of plant and animal lectins. Glycoconjugate Journal, 1996, 13, 567-573.	1.4	9
166	Localization of the Putative Sialic Acid-binding Site on the Immunoglobulin Superfamily Cell-surface Molecule CD22. Journal of Biological Chemistry, 1996, 271, 9273-9280.	1.6	126
167	Characterization of the Sialic Acid-binding Site in Sialoadhesin by Site-directed Mutagenesis. Journal of Biological Chemistry, 1996, 271, 9267-9272.	1.6	131
168	The Amino-terminal Immunoglobulin-like Domain of Sialoadhesin Contains the Sialic Acid Binding Site. Journal of Biological Chemistry, 1995, 270, 26184-26191.	1.6	88
169	Sialoadhesin (Sn) Maps to Mouse Chromosome 2 and Human Chromosome 20 and Is Not Linked to the Other Members of the Sialoadhesin Family, CD22, MAG, and CD33. Genomics, 1995, 28, 344-346.	1.3	22
170	Modifications of cell surface sialic acids modulate cell adhesion mediated by sialoadhesin and CD22. Glycoconjugate Journal, 1994, 11, 576-585.	1.4	184
171	Sialoadhesin, myelin-associated glycoprotein and CD22 define a new family of sialic acid-dependent adhesion molecules of the immunoglobulin superfamily. Current Biology, 1994, 4, 965-972.	1.8	395
172	Isolation of the gene for McLeod syndrome that encodes a novel membrane transport protein. Cell, 1994, 77, 869-880.	13.5	272
173	A novel role for myelin-associated glycoprotein as an inhibitor of axonal regeneration. Neuron, 1994, 13, 757-767.	3.8	996
174	Is colony-stimulating factor-1 a key mediator of breast cancer invasion and metastasis?. Molecular Carcinogenesis, 1993, 7, 207-211.	1.3	35
175	Lectin Receptors Expressed on Myeloid Cells. , 0, , 455-483.		2
176	Towards understanding the cell surface phenotype, metabolic properties and immune functions of resident macrophages of the peritoneal cavity and splenic red pulp using high resolution quantitative proteomics. Wellcome Open Research, 0, 5, 165.	0.9	2