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List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

1,340
citations

331670

21
h-index

377865

34
g-index

40
all docs

40
docs citations

40
times ranked

1487
citing authors

#	ARTICLE	IF	CITATIONS
1	Hepatocyte polyploidization and its association with pathophysiological processes. <i>Cell Death and Disease</i> , 2017, 8, e2805-e2805.	6.3	107
2	Dendritic Cells: A Spot on Sialic Acid. <i>Frontiers in Immunology</i> , 2013, 4, 491.	4.8	76
3	Silencing α 1,3-Fucosyltransferases in Human Leukocytes Reveals a Role for FUT9 Enzyme during E-selectin-mediated Cell Adhesion. <i>Journal of Biological Chemistry</i> , 2013, 288, 1620-1633.	3.4	72
4	ST3Gal-4 is the primary sialyltransferase regulating the synthesis of E-, P-, and L-selectin ligands on human myeloid leukocytes. <i>Blood</i> , 2015, 125, 687-696.	1.4	70
5	Isolation and Characterization of Bipotent Liver Progenitor Cells from Adult Mouse. <i>Stem Cells</i> , 2006, 24, 322-332.	3.2	69
6	Platelets Support Extracellular Sialylation by Supplying the Sugar Donor Substrate. <i>Journal of Biological Chemistry</i> , 2014, 289, 8742-8748.	3.4	63
7	Fluorinated per-acetylated GalNAc metabolically alters glycan structures on leukocyte PSGL-1 and reduces cell binding to selectins. <i>Blood</i> , 2010, 115, 1303-1312.	1.4	59
8	Anti-inflammatory IgG Production Requires Functional P1 Promoter in β 2-Galactoside α 2,6-Sialyltransferase 1 (ST6Gal-1) Gene. <i>Journal of Biological Chemistry</i> , 2012, 287, 15365-15370.	3.4	57
9	Biologic contribution of P1 promoter-mediated expression of ST6Gal I sialyltransferase. <i>Glycobiology</i> , 2003, 13, 591-600.	2.5	52
10	Circulating blood and platelets supply glycosyltransferases that enable extrinsic extracellular glycosylation. <i>Glycobiology</i> , 2017, 27, 188-198.	2.5	52
11	Developmental Regulation of β 2-Galactoside α 2,6-Sialyltransferase in Small Intestine Epithelium. <i>Developmental Biology</i> , 1994, 165, 126-136.	2.0	50
12	Remodeling of Marrow Hematopoietic Stem and Progenitor Cells by Non-self ST6Gal-1 Sialyltransferase. <i>Journal of Biological Chemistry</i> , 2014, 289, 7178-7189.	3.4	49
13	Extrinsic sialylation is dynamically regulated by systemic triggers in vivo. <i>Journal of Biological Chemistry</i> , 2017, 292, 13514-13520.	3.4	49
14	Altered eosinophil profile in mice with ST6Gal-1 deficiency: an additional role for ST6Gal-1 generated by the P1 promoter in regulating allergic inflammation. <i>Journal of Leukocyte Biology</i> , 2009, 87, 457-466.	3.3	42
15	Role for Hepatic and Circulatory ST6Gal-1 Sialyltransferase in Regulating Myelopoiesis. <i>Journal of Biological Chemistry</i> , 2010, 285, 25009-25017.	3.4	40
16	Differentiation-dependent expression of human β -galactoside α 2,6-sialyltransferase mRNA in colon carcinoma CaCo-2 cells. <i>Glycoconjugate Journal</i> , 1996, 13, 115-121.	2.7	38
17	Differential expression of the hepatic transcript of β -galactoside α 2,6-sialyltransferase in human colon cancer cell lines. , 1999, 81, 243-247.		36
18	Clonal mesenchymal stem cells derived from human bone marrow can differentiate into hepatocyte-like cells in injured livers of SCID mice. <i>Journal of Cellular Biochemistry</i> , 2009, 108, 693-704.	2.6	35

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19	Mouse ST6Gal sialyltransferase gene expression during mammary gland lactation. <i>Glycobiology</i> , 2001, 11, 407-412.	2.5	31
20	The blood-borne sialyltransferase ST6Gal-1 is a negative systemic regulator of granulopoiesis. <i>Journal of Leukocyte Biology</i> , 2017, 102, 507-516.	3.3	29
21	Transcription of the α -galactoside α 2,6-sialyltransferase gene (SIAT1) in B-lymphocytes: cell type-specific expression correlates with presence of the divergent 5'-untranslated sequence. <i>Glycobiology</i> , 1999, 9, 907-914.	2.5	25
22	Blood-Borne ST6GAL1 Regulates Immunoglobulin Production in B Cells. <i>Frontiers in Immunology</i> , 2020, 11, 617.	4.8	25
23	Murine hepatic beta-galactoside alpha 2,6-sialyltransferase gene expression involves usage of a novel upstream exon region. <i>Glycoconjugate Journal</i> , 1997, 14, 407-411.	2.7	24
24	Systemic ST6Gal-1 Is a Pro-survival Factor for Murine Transitional B Cells. <i>Frontiers in Immunology</i> , 2018, 9, 2150.	4.8	24
25	Pregnancy enables antibody protection against intracellular infection. <i>Nature</i> , 2022, 606, 769-775.	27.8	22
26	B cells suppress medullary granulopoiesis by an extracellular glycosylation-dependent mechanism. <i>ELife</i> , 2019, 8, .	6.0	21
27	Extracellular sialyltransferase st6gal1 in breast tumor cell growth and invasiveness. <i>Cancer Gene Therapy</i> , 2022, 29, 1662-1675.	4.6	21
28	Novel Heterogeneity Exists in the 5'â€²-Untranslated Region of the α 2-Galactoside α 2,6-Sialyltransferase mRNAs in the Human B-Lymphoblastoid Cell Line, Louckes. <i>Biochemical and Biophysical Research Communications</i> , 1996, 228, 380-385.	2.1	20
29	The existence of multipotent stem cells with epithelialâ€”mesenchymal transition features in the human liver bud. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 2047-2055.	2.8	19
30	Recombinant Sialyltransferase Infusion Mitigates Infection-Driven Acute Lung Inflammation. <i>Frontiers in Immunology</i> , 2019, 10, 48.	4.8	18
31	The sialyltransferase ST6GAL1 protects against radiation-induced gastrointestinal damage. <i>Glycobiology</i> , 2020, 30, 446-453.	2.5	13
32	Leukocyte-borne α (1,3)-fucose is a negative regulator of α 2-integrin-dependent recruitment in lung inflammation. <i>Journal of Leukocyte Biology</i> , 2017, 101, 459-470.	3.3	12
33	The gene encoding α 2-galactoside α 2,6-sialyltransferase maps to mouse Chromosome 16. <i>Mammalian Genome</i> , 1997, 8, 619-620.	2.2	11
34	Extracellular ST6GAL1 regulates monocyteâ€”macrophage development and survival. <i>Glycobiology</i> , 2022, 32, 701-711.	2.5	5
35	Bacterial colonization and TH17 immunity are shaped by intestinal sialylation in neonatal mice. <i>Glycobiology</i> , 2022, 32, 414-428.	2.5	4
36	Circulatory Glycan-Modifying Enzymes As Systemic Regulators In Blood Cell Development. <i>Blood</i> , 2013, 122, 3686-3686.	1.4	0