

Marco Trinchera

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

926
citations

430874

18
h-index

454955

30
g-index

33
all docs

33
docs citations

33
times ranked

1369
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of cancer-associated glycosylation changes. <i>Frontiers in Bioscience - Landmark</i> , 2012, 17, 670.	3.0	132
2	Sialosignaling: Sialyltransferases as engines of self-fueling loops in cancer progression. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 2752-2764.	2.4	100
3	Selectin Ligands Sialyl-Lewis a and Sialyl-Lewis x in Gastrointestinal Cancers. <i>Biology</i> , 2017, 6, 16.	2.8	77
4	Î²1,3-Galactosyltransferase Î²3Gal-T5 Acts on the GlcNAcÎ²1â†’3GalÎ²1â†’4GlcNAcÎ²1â†’R Sugar Chains of Carcinoembryonic Antigen and Other N-Linked Glycoproteins and Is Down-regulated in Colon Adenocarcinomas. <i>Journal of Biological Chemistry</i> , 2001, 276, 3564-3573.	3.4	51
5	The expanding roles of the Sda/Cad carbohydrate antigen and its cognate glycosyltransferase B4GALNT2. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 443-453.	2.4	49
6	The biosynthesis of the selectin-ligand sialyl Lewis x in colorectal cancer tissues is regulated by fucosyltransferase VI and can be inhibited by an RNA interference-based approach. <i>International Journal of Biochemistry and Cell Biology</i> , 2011, 43, 130-139.	2.8	47
7	B4GALNT2 gene expression controls the biosynthesis of Sda and sialyl Lewis X antigens in healthy and cancer human gastrointestinal tract. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 53, 442-449.	2.8	40
8	Diseases of ganglioside biosynthesis: An expanding group of congenital disorders of glycosylation. <i>Molecular Genetics and Metabolism</i> , 2018, 124, 230-237.	1.1	33
9	Epigenetic Bases of Aberrant Glycosylation in Cancer. <i>International Journal of Molecular Sciences</i> , 2017, 18, 998.	4.1	31
10	Expression of carbohydrate-antigen sialyl-Lewis a on colon cancer cells promotes xenograft growth and angiogenesis in nude mice. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 2796-2800.	2.8	30
11	DNA methylation and histone modifications modulate the Î²1,3 galactosyltransferase Î²3Gal-T5 native promoter in cancer cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 84-90.	2.8	29
12	Suppression of Î²1,3galactosyltransferase Î²3Gal-T5 in cancer cells reduces sialyl-Lewisâ€ƒfa and enhances poly N-acetyllactosamines and sialyl-Lewisâ€ƒfx on O-glycans. <i>FEBS Journal</i> , 2004, 271, 186-194.	0.2	27
13	The Link between Gaucher Disease and Parkinsonâ€™s Disease Sheds Light on Old and Novel Disorders of Sphingolipid Metabolism. <i>International Journal of Molecular Sciences</i> , 2019, 20, 3304.	4.1	26
14	Total loss of GM3 synthase activity by a normally processed enzyme in a novel variant and in all ST3GAL5 variants reported to cause a distinct congenital disorder of glycosylation. <i>Glycobiology</i> , 2019, 29, 229-241.	2.5	23
15	CA19.9 antigen circulating in the serum of colon cancer patients: Where is it from?. <i>International Journal of Biochemistry and Cell Biology</i> , 2013, 45, 792-797.	2.8	22
16	Comparative Analysis of Retroviral and Native Promoters Driving Expression of Î²1,3-Galactosyltransferase Î²3Gal-T5 in Human and Mouse Tissues. <i>Journal of Biological Chemistry</i> , 2007, 282, 49-57.	3.4	20
17	Unexpected distribution of CA19.9 and other type 1 chain Lewis antigens in normal and cancer tissues of colon and pancreas: Importance of the detection method and role of glycosyltransferase regulation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2017, 1861, 3210-3220.	2.4	19
18	A novel nonsense and inactivating variant of ST3GAL3 in two infant siblings suffering severe epilepsy and expressing circulating CA19.9. <i>Glycobiology</i> , 2020, 30, 95-104.	2.5	19

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19	Transcriptional control of the B3GALT5 gene by a retroviral promoter and methylation of distant regulatory elements. <i>FASEB Journal</i> , 2014, 28, 946-955.	0.5	18
20	beta-1,3-galactosyltransferase and alpha-1,2-fucosyltransferase involved in the biosynthesis of type-1-chain carbohydrate antigens in human colon adenocarcinoma cell lines. <i>FEBS Journal</i> , 1998, 256, 494-501.	0.2	17
21	Differential expression of β 1,3galactosyltransferases in human colon cells derived from adenocarcinomas or normal mucosa. <i>FEBS Letters</i> , 1999, 451, 75-80.	2.8	17
22	Bleeding diathesis and gastro-duodenal ulcers in inherited cytosolic phospholipase-A2 alpha deficiency. <i>Thrombosis and Haemostasis</i> , 2014, 112, 1182-1189.	3.4	17
23	Inhibition of Ceramide Synthesis Reduces β -Synuclein Proteinopathy in a Cellular Model of Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6469.	4.1	17
24	Complementary Use of Carbohydrate Antigens Lewis a, Lewis b, and Sialyl-Lewis a (CA19.9 Epitope) in Gastrointestinal Cancers: Biological Rationale towards a Personalized Clinical Application. <i>Cancers</i> , 2020, 12, 1509.	3.7	16
25	Control of Glycosylation-Related Genes by DNA Methylation: the Intriguing Case of the B3GALT5 Gene and Its Distinct Promoters. <i>Biology</i> , 2014, 3, 484-497.	2.8	13
26	Dictyostelium cytosolic fucosyltransferase synthesizes H type 1 trisaccharide in vitro. <i>FEBS Letters</i> , 1996, 395, 68-72.	2.8	11
27	Epigenetic Regulation of Glycosylation in Cancer and Other Diseases. <i>International Journal of Molecular Sciences</i> , 2021, 22, 2980.	4.1	11
28	Analysis of the proximal promoter of the human colon-specific B4GALNT2 (Sda synthase) gene: B4GALNT2 is transcriptionally regulated by ETS1. <i>Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms</i> , 2021, 1864, 194747.	1.9	4
29	Mouse C127 cells transfected with fucosyltransferase Fuc-TIII express masked Lewisx but not Lewisy antigen. <i>Glycobiology</i> , 1999, 9, 83-91.	2.5	3
30	Simple and Complex Sugars in Parkinson's Disease: a Bittersweet Taste. <i>Molecular Neurobiology</i> , 2020, 57, 2934-2943.	4.0	3
31	Instability of cytosolic phospholipase A2 variant upon cellular expression as a basis for its clinical presentation. <i>Thrombosis and Haemostasis</i> , 2015, 114, 208-210.	3.4	2
32	Epigenetic Regulation of Glycosylation. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1325, 173-186.	1.6	2