

# 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	Epigenetic Regulation of Glycosylation in Cancer and Other Diseases. International Journal of Molecular Sciences, 2021, 22, 2980.	4.1	11
2	Inhibition of Ceramide Synthesis Reduces $\alpha$ -Synuclein Proteinopathy in a Cellular Model of Parkinson's Disease. International Journal of Molecular Sciences, 2021, 22, 6469.	4.1	17
3	Analysis of the proximal promoter of the human colon-specific B4GALNT2 (Sda synthase) gene: B4GALNT2 is transcriptionally regulated by ETS1. Biochimica Et Biophysica Acta - Gene Regulatory Mechanisms, 2021, 1864, 194747.	1.9	4
4	Epigenetic Regulation of Glycosylation. Advances in Experimental Medicine and Biology, 2021, 1325, 173-186.	1.6	2
5	A novel nonsense and inactivating variant of ST3GAL3 in two infant siblings suffering severe epilepsy and expressing circulating CA19.9. Glycobiology, 2020, 30, 95-104.	2.5	19
6	Simple and Complex Sugars in Parkinson's Disease: a Bittersweet Taste. Molecular Neurobiology, 2020, 57, 2934-2943.	4.0	3
7	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. Cancers, 2020, 12, 1509.	3.7	16
8	The Link between Gaucher Disease and Parkinson's Disease Sheds Light on Old and Novel Disorders of Sphingolipid Metabolism. International Journal of Molecular Sciences, 2019, 20, 3304.	4.1	26
9	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. Glycobiology, 2019, 29, 229-241.	2.5	23
10	Diseases of ganglioside biosynthesis: An expanding group of congenital disorders of glycosylation. Molecular Genetics and Metabolism, 2018, 124, 230-237.	1.1	33
11	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. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 3210-3220.	2.4	19
12	Selectin Ligands Sialyl-Lewis a and Sialyl-Lewis x in Gastrointestinal Cancers. Biology, 2017, 6, 16.	2.8	77
13	Epigenetic Bases of Aberrant Glycosylation in Cancer. International Journal of Molecular Sciences, 2017, 18, 998.	4.1	31
14	Instability of cytosolic phospholipase A2 $\alpha$ variant upon cellular expression as a basis for its clinical presentation. Thrombosis and Haemostasis, 2015, 114, 208-210.	3.4	2
15	Bleeding diathesis and gastro-duodenal ulcers in inherited cytosolic phospholipase-A2 alpha deficiency. Thrombosis and Haemostasis, 2014, 112, 1182-1189.	3.4	17
16	Transcriptional control of the B3GALT5 gene by a retroviral promoter and methylation of distant regulatory elements. FASEB Journal, 2014, 28, 946-955.	0.5	18
17	Sialosignaling: Sialyltransferases as engines of self-fueling loops in cancer progression. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 2752-2764.	2.4	100
18	B4GALNT2 gene expression controls the biosynthesis of Sda and sialyl Lewis X antigens in healthy and cancer human gastrointestinal tract. International Journal of Biochemistry and Cell Biology, 2014, 53, 442-449.	2.8	40

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	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
23	Mechanisms of cancer-associated glycosylation changes. <i>Frontiers in Bioscience - Landmark</i> , 2012, 17, 670.	3.0	132
24	DNA methylation and histone modifications modulate the $\beta$ 1,3 galactosyltransferase $\beta$ 3Gal-T5 native promoter in cancer cells. <i>International Journal of Biochemistry and Cell Biology</i> , 2012, 44, 84-90.	2.8	29
25	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
26	Comparative Analysis of Retroviral and Native Promoters Driving Expression of $\beta$ 1,3-Galactosyltransferase $\beta$ 3Gal-T5 in Human and Mouse Tissues. <i>Journal of Biological Chemistry</i> , 2007, 282, 49-57.	3.4	20
27	Suppression of $\beta$ 1,3galactosyltransferase $\beta$ 3Gal-T5 in cancer cells reduces sialyl-Lewis <sup>x</sup> and enhances poly N-acetyllactosamines and sialyl-Lewis <sup>x</sup> on O-glycans. <i>FEBS Journal</i> , 2004, 271, 186-194.	0.2	27
28	$\beta$ 1,3-Galactosyltransferase $\beta$ 3Gal-T5 Acts on the GlcNAc $\beta$ 1 $\rightarrow$ 3Gal $\beta$ 1 $\rightarrow$ 4GlcNAc $\beta$ 1 $\rightarrow$ 6R 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
29	Mouse C127 cells transfected with fucosyltransferase Fuc-TIII express masked Lewis <sup>x</sup> but not Lewis <sup>y</sup> antigen. <i>Glycobiology</i> , 1999, 9, 83-91.	2.5	3
30	Differential expression of $\beta$ 1,3galactosyltransferases in human colon cells derived from adenocarcinomas or normal mucosa. <i>FEBS Letters</i> , 1999, 451, 75-80.	2.8	17
31	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
32	Dictyostelium cytosolic fucosyltransferase synthesizes H type 1 trisaccharide in vitro. <i>FEBS Letters</i> , 1996, 395, 68-72.	2.8	11