

Sophie Groux-Degroote

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7164222/publications.pdf>

Version: 2024-02-01

35
papers

1,068
citations

331538

21
h-index

414303

32
g-index

36
all docs

36
docs citations

36
times ranked

1714
citing authors

#	ARTICLE	IF	CITATIONS
1	Gangliosides: Structures, Biosynthesis, Analysis, and Roles in Cancer. <i>ChemBioChem</i> , 2017, 18, 1146-1154.	1.3	105
2	Consequences of the expression of sialylated antigens in breast cancer. <i>Carbohydrate Research</i> , 2010, 345, 1377-1383.	1.1	89
3	IL-6 and IL-8 increase the expression of glycosyltransferases and sulfotransferases involved in the biosynthesis of sialylated and/or sulfated Lewisx epitopes in the human bronchial mucosa. <i>Biochemical Journal</i> , 2008, 410, 213-223.	1.7	72
4	Role of Cytokine-Induced Glycosylation Changes in Regulating Cell Interactions and Cell Signaling in Inflammatory Diseases and Cancer. <i>Cells</i> , 2016, 5, 43.	1.8	60
5	G _{D3} synthase overexpression enhances proliferation and migration of MDA-MB-231 breast cancer cells. <i>Biological Chemistry</i> , 2009, 390, 601-609.	1.2	54
6	Sialyltransferases functions in cancers. <i>Frontiers in Bioscience - Elite</i> , 2012, E4, 499.	0.9	50
7	Gangliosides in Cancer Cell Signaling. <i>Progress in Molecular Biology and Translational Science</i> , 2018, 156, 197-227.	0.9	49
8	Gangliosides: The Double-Edge Sword of Neuro-Ectodermal Derived Tumors. <i>Biomolecules</i> , 2019, 9, 311.	1.8	47
9	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.	1.2	40
10	Identification of 9-O-acetyl-N-acetylneuraminic acid (Neu5,9Ac2) as main O-acetylated sialic acid species of GD2 in breast cancer cells. <i>Glycoconjugate Journal</i> , 2019, 36, 79-90.	1.4	40
11	Glycosyltransferase and sulfotransferase gene expression profiles in human monocytes, dendritic cells and macrophages. <i>Glycoconjugate Journal</i> , 2009, 26, 1259-1274.	1.4	38
12	Transcriptional regulation of the human ST6GAL2 gene in cerebral cortex and neuronal cells. <i>Glycoconjugate Journal</i> , 2010, 27, 99-114.	1.4	35
13	Glycosylation Changes Triggered by the Differentiation of Monocytic THP-1 Cell Line into Macrophages. <i>Journal of Proteome Research</i> , 2017, 16, 156-169.	1.8	35
14	Glycolipid-Dependent Sorting of Melanosomal from Lysosomal Membrane Proteins by Luminal Determinants. <i>Traffic</i> , 2008, 9, 951-963.	1.3	32
15	O-acetylated Gangliosides as Targets for Cancer Immunotherapy. <i>Cells</i> , 2020, 9, 741.	1.8	32
16	Glycosylation changes in inflammatory diseases. <i>Advances in Protein Chemistry and Structural Biology</i> , 2020, 119, 111-156.	1.0	31
17	TNF regulates sialyl-Lewisx and 6-sulfo-sialyl-Lewisx expression in human lung through up-regulation of ST3GAL4 transcript isoform BX. <i>Biochimie</i> , 2012, 94, 2045-2053.	1.3	29
18	Cancer-Associated Glycosphingolipids as Tumor Markers and Targets for Cancer Immunotherapy. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6145.	1.8	29

#	ARTICLE	IF	CITATIONS
19	Transcription factor AP-2 β represses both the mucin MUC4 expression and pancreatic cancer cell proliferation. <i>Carcinogenesis</i> , 2007, 28, 2305-2312.	1.3	28
20	Hyperacidification of Trans-Golgi Network and Endo/Lysosomes in Melanocytes by Glucosylceramide-Dependent V-ATPase Activity. <i>Traffic</i> , 2011, 12, 1634-1647.	1.3	25
21	TNF induces the expression of the sialyltransferase ST3Gal IV in human bronchial mucosa via MSK1/2 protein kinases and increases FlitD/sialyl-Lewis ^x -mediated adhesion of <i>Pseudomonas aeruginosa</i> . <i>Biochemical Journal</i> , 2014, 457, 79-87.	1.7	22
22	Carbohydrate-to-carbohydrate interactions between α 2,3-linked sialic acids on α 2 integrin subunits and asialo-GM1 underlie the bone metastatic behaviour of LNCAP-derivative C4-2B prostate cancer cells. <i>Bioscience Reports</i> , 2014, 34, .	1.1	21
23	Profiling of O-acetylated Gangliosides Expressed in Neuroectoderm Derived Cells. <i>International Journal of Molecular Sciences</i> , 2020, 21, 370.	1.8	21
24	TNF up-regulates <i>ST3GAL4</i> and sialyl-Lewis ^x expression in lung epithelial cells through an intronic ATF2-responsive element. <i>Biochemical Journal</i> , 2017, 474, 65-78.	1.7	12
25	<i>Mycobacterium bovis</i> BCG infection alters the macrophage N-glycome. <i>Molecular Omics</i> , 2020, 16, 345-354.	1.4	12
26	Structural Characterization of Mucin O-Glycosylation May Provide Important Information to Help Prevent Colorectal Tumor Recurrence. <i>Frontiers in Oncology</i> , 2015, 5, 217.	1.3	10
27	The extended cytoplasmic tail of the human B4GALNT2 is critical for its Golgi targeting and post-Golgi sorting. <i>FEBS Journal</i> , 2018, 285, 3442-3463.	2.2	10
28	TNF differentially regulates ganglioside biosynthesis and expression in breast cancer cell lines. <i>PLoS ONE</i> , 2018, 13, e0196369.	1.1	9
29	Role of Sialyl-O-Acetyltransferase CASD1 on GD2 Ganglioside O-Acetylation in Breast Cancer Cells. <i>Cells</i> , 2021, 10, 1468.	1.8	9
30	Chapter 27. Epithelial mucins and bacterial adhesion. <i>Carbohydrate Chemistry</i> , 2014, , 596-623.	0.3	8
31	B4GALNT2 Controls Sd ^a and SLe ^x Antigen Biosynthesis in Healthy and Cancer Human Colon. <i>ChemBioChem</i> , 2021, 22, 3381-3390.	1.3	6
32	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.	0.9	4
33	Fate and function of glucosylceramide in mammalian cells. <i>Chemistry and Physics of Lipids</i> , 2008, 154, S30-S31.	1.5	1
34	How cells use simple glycosphingolipids to regulate their physiology. , 0, 2007, .		1
35	Sa1926 Mucin O-Glycans As Potential Prognosis and Recurrence Markers of Colorectal Cancer. <i>Gastroenterology</i> , 2014, 146, S-331.	0.6	0