

Veronique Blanchard

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5258173/publications.pdf>

Version: 2024-02-01

59
papers

1,884
citations

257450

24
h-index

276875

41
g-index

59
all docs

59
docs citations

59
times ranked

2628
citing authors

#	ARTICLE	IF	CITATIONS
1	Sialylated N-glycans mediate monocyte uptake of extracellular vesicles secreted from Plasmodium falciparum-infected red blood cells. , 2022, 1, .		6
2	In Situ N-Glycosylation Signatures of Epithelial Ovarian Cancer Tissue as Defined by MALDI Mass Spectrometry Imaging. Cancers, 2022, 14, 1021.	3.7	13
3	Straightforward Analysis of Sulfated Glycosaminoglycans by MALDI-TOF Mass Spectrometry from Biological Samples. Biology, 2022, 11, 506.	2.8	1
4	Coronavirus Disease 2019-Related Alterations of Total and Anti-Spike IgG Glycosylation in Relation to Age and Anti-Spike IgG Titer. Frontiers in Microbiology, 2022, 13, 775186.	3.5	3
5	The Burden of Hepatitis B, Hepatitis C, and Human Immunodeficiency Viruses in Ovarian Cancer Patients in Nairobi, Kenya. Infectious Disease Reports, 2022, 14, 433-445.	3.1	2
6	Glycomic-Based Biomarkers for Ovarian Cancer: Advances and Challenges. Diagnostics, 2021, 11, 643.	2.6	18
7	Glycosylation is a key in SARS-CoV-2 infection. Journal of Molecular Medicine, 2021, 99, 1023-1031.	3.9	50
8	Altered Glycosylation in the Aging Heart. Frontiers in Molecular Biosciences, 2021, 8, 673044.	3.5	10
9	GMPPA defects cause a neuromuscular disorder with α -dystroglycan hyperglycosylation. Journal of Clinical Investigation, 2021, 131, .	8.2	13
10	Chondroitin Sulfate Disaccharides, a Serum Marker for Primary Serous Epithelial Ovarian Cancer. Diagnostics, 2021, 11, 1143.	2.6	3
11	N- and O-glycosylation patterns and functional testing of CGB7 versus CGB3/5/8 variants of the human chorionic gonadotropin (hCG) beta subunit. Glycoconjugate Journal, 2020, 37, 599-610.	2.7	4
12	Immunoglobulin G Subclass-Specific Glycosylation Changes in Primary Epithelial Ovarian Cancer. Frontiers in Immunology, 2020, 11, 654.	4.8	20
13	IgG Fc sialylation is regulated during the germinal center reaction following immunization with different adjuvants. Journal of Allergy and Clinical Immunology, 2020, 146, 652-666.e11.	2.9	45
14	Enzymatic Release of Glycoprotein N-Glycans and Fluorescent Labeling. Methods in Molecular Biology, 2019, 1934, 43-49.	0.9	5
15	Chromatographic Profiling of N-Glycans. Methods in Molecular Biology, 2019, 1934, 65-81.	0.9	0
16	Insight Into Interactions of Thermoacidophilic Archaea With Elemental Sulfur: Biofilm Dynamics and EPS Analysis. Frontiers in Microbiology, 2019, 10, 896.	3.5	28
17	Pregnancy Galectinology: Insights Into a Complex Network of Glycan Binding Proteins. Frontiers in Immunology, 2019, 10, 1166.	4.8	39
18	Sialic Acid Linkage Analysis Refines the Diagnosis of Ovarian Cancer. Frontiers in Oncology, 2019, 9, 261.	2.8	41

#	ARTICLE	IF	CITATIONS
19	Measurement of Neutral and Sialylated IgG n-Glycome at Asn-297 by CE-LIF to Assess Hypogalactosylation in Rheumatoid Arthritis. <i>Methods in Molecular Biology</i> , 2019, 1972, 77-93.	0.9	6
20	Hypogalactosylation of immunoglobulin G in rheumatoid arthritis: relationship to HLA-DRB1 shared epitope, anticitrullinated protein antibodies, rheumatoid factor, and correlation with inflammatory activity. <i>Arthritis Research and Therapy</i> , 2018, 20, 44.	3.5	11
21	Sialylation of IgG antibodies inhibits IgG-mediated allergic reactions. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 399-402.e8.	2.9	40
22	Photochemical degradation of trypan blue. <i>PLoS ONE</i> , 2018, 13, e0195849.	2.5	4
23	The effect of blood sampling and preanalytical processing on human N-glycome. <i>PLoS ONE</i> , 2018, 13, e0200507.	2.5	7
24	The ascites N-glycome of epithelial ovarian cancer patients. <i>Journal of Proteomics</i> , 2017, 157, 33-39.	2.4	25
25	The Cell Surface N-Glycome of Human Embryonic Stem Cells and Differentiated Hepatic Cells thereof. <i>ChemBioChem</i> , 2017, 18, 1234-1241.	2.6	9
26	EPS Characterization of a Cell Wall-Lacking Archaeon <i>Ferroplasma acidiphilum</i> . <i>Solid State Phenomena</i> , 2017, 262, 434-438.	0.3	0
27	Engineering of CHO Cells for the Production of Recombinant Glycoprotein Vaccines with Xylosylated N-glycans. <i>Bioengineering</i> , 2017, 4, 38.	3.5	11
28	In Vitro Evaluation of Glycoengineered RSV-F in the Human Artificial Lymph Node Reactor. <i>Bioengineering</i> , 2017, 4, 70.	3.5	4
29	Acute phase glycoprotein N-glycome of ovarian cancer patients analyzed by CE-LIF. <i>Electrophoresis</i> , 2016, 37, 1461-1467.	2.4	32
30	Recombinant glycoproteins: The impact of cell lines and culture conditions on the generation of protein species. <i>Journal of Proteomics</i> , 2016, 134, 85-92.	2.4	7
31	Applying Acylated Fucose Analogues to Metabolic Glycoengineering. <i>Bioengineering</i> , 2015, 2, 213-234.	3.5	4
32	The human rhabdomyosarcoma cell line TE671 – Towards an innovative production platform for glycosylated biopharmaceuticals. <i>Protein Expression and Purification</i> , 2015, 115, 83-94.	1.3	3
33	Enhanced detection of in-gel released N-glycans by MALDI-TOF-MS. <i>Proteomics</i> , 2015, 15, 1503-1507.	2.2	6
34	The Serum Glycome to Discriminate between Early-Stage Epithelial Ovarian Cancer and Benign Ovarian Diseases. <i>Disease Markers</i> , 2014, 2014, 1-10.	1.3	27
35	Identification of 34 N-glycan isomers in human serum by capillary electrophoresis coupled with laser-induced fluorescence allows improving glycan biomarker discovery. <i>Analytical and Bioanalytical Chemistry</i> , 2014, 406, 7185-7193.	3.7	31
36	Rapid Analysis of Cell Surface N-Glycosylation from Living Cells Using Mass Spectrometry. <i>Journal of Proteome Research</i> , 2014, 13, 6144-6151.	3.7	43

#	ARTICLE	IF	CITATIONS
37	Sialic acid methylation refines capillary electrophoresis laser-induced fluorescence analyses of immunoglobulin G N-glycans of ovarian cancer patients. <i>Electrophoresis</i> , 2014, 35, 1025-1031.	2.4	25
38	N-Glycosylation Profile of Undifferentiated and Adipogenically Differentiated Human Bone Marrow Mesenchymal Stem Cells: Towards a Next Generation of Stem Cell Markers. <i>Stem Cells and Development</i> , 2013, 22, 3100-3113.	2.1	39
39	Serum Glycome Profiling: A Biomarker for Diagnosis of Ovarian Cancer. <i>Journal of Proteome Research</i> , 2013, 12, 4056-4063.	3.7	84
40	Endo- β -N-acetylglucosaminidase H de-N-glycosylation in a domestic microwave oven: Application to biomarker discovery. <i>Analytical Biochemistry</i> , 2013, 433, 65-69.	2.4	10
41	Development and Analysis of Alpha 1-Antitrypsin Neoglycoproteins: The Impact of Additional N-Glycosylation Sites on Serum Half-Life. <i>Molecular Pharmaceutics</i> , 2013, 10, 2616-2629.	4.6	30
42	T cell-independent B cell activation induces immunosuppressive sialylated IgG antibodies. <i>Journal of Clinical Investigation</i> , 2013, 123, 3788-3796.	8.2	118
43	Anti-inflammatory activity of IgG1 mediated by Fc galactosylation and association of Fc γ RIIB and dectin-1. <i>Nature Medicine</i> , 2012, 18, 1401-1406.	30.7	405
44	The analysis of N-glycans of cell membrane proteins from human hematopoietic cell lines reveals distinctions in their pattern. <i>Biological Chemistry</i> , 2012, 393, 731-747.	2.5	14
45	Tolerance induction with T cell-dependent protein antigens induces regulatory sialylated IgGs. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 1647-1655.e13.	2.9	107
46	I-Selectin - A dynamic regulator of leukocyte migration. <i>European Journal of Cell Biology</i> , 2012, 91, 257-264.	3.6	66
47	Analysis of Cell Surface N-glycosylation of the Human Embryonic Kidney 293T Cell Line. <i>Journal of Carbohydrate Chemistry</i> , 2011, 30, 218-232.	1.1	12
48	Quantitative MALDI-TOF-MS Using Stable-isotope Labeling: Application to the Analysis of N-glycans of Recombinant α -1 Antitrypsin Produced Using Different Culture Parameters. <i>Journal of Carbohydrate Chemistry</i> , 2011, 30, 320-333.	1.1	2
49	Protein Glycosylation and Its Impact on Biotechnology. , 2011, 127, 165-185.		23
50	Invasion of <i>Trypanosoma cruzi</i> into host cells is impaired by N-propionylmannosamine and other N-acylmannosamines. <i>Glycoconjugate Journal</i> , 2011, 28, 31-37.	2.7	20
51	Profiling of Endo-released serum N-glycans using CE-LIF and MALDI-TOF-MS - Application to rheumatoid arthritis. <i>Electrophoresis</i> , 2011, 32, 3510-3515.	2.4	19
52	N-glycosylation and biological activity of recombinant human alpha1-antitrypsin expressed in a novel human neuronal cell line. <i>Biotechnology and Bioengineering</i> , 2011, 108, 2118-2128.	3.3	51
53	Production of non-fucosylated antibodies by co-expression of heterologous GDP-6-deoxy-D-lyxo-4-hexulose reductase. <i>Glycobiology</i> , 2010, 20, 1607-1618.	2.5	118
54	N-Glycan Analysis of Recombinant L-Selectin Reveals Sulfated GalNAc and GalNAc~GalNAc Motifs. <i>Journal of Proteome Research</i> , 2010, 9, 3403-3411.	3.7	45

#	ARTICLE	IF	CITATIONS
55	High-level expression of biologically active glycoprotein hormones in <i>Pichia pastoris</i> strains: selection of strain GS115, and not X-33, for the production of biologically active N-glycosylated ¹⁵ N-labeled phCG. <i>Glycoconjugate Journal</i> , 2008, 25, 245-257.	2.7	28
56	The Structural Basis of the Difference in Sensitivity for PNGase F in the De-N-glycosylation of the Native Bovine Pancreatic Ribonucleases B and BS. <i>Biochemistry</i> , 2008, 47, 3435-3446.	2.5	18
57	Conformational Studies on Five Octasaccharides Isolated from Chondroitin Sulfate Using NMR Spectroscopy and Molecular Modeling. <i>Biochemistry</i> , 2007, 46, 1167-1175.	2.5	38
58	Characterization of the N-linked oligosaccharides from human chorionic gonadotropin expressed in the methylotrophic yeast <i>Pichia pastoris</i> . <i>Glycoconjugate Journal</i> , 2006, 24, 33-47.	2.7	33
59	Visualization of Inflammation in Experimental Colitis by Magnetic Resonance Imaging Using Very Small Superparamagnetic Iron Oxide Particles. <i>Frontiers in Physiology</i> , 0, 13, .	2.8	8