

Veronique Blanchard

List of Publications by Year in descending order

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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	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
2	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
3	T cell γ -independent B cell activation induces immunosuppressive sialylated IgG antibodies. <i>Journal of Clinical Investigation</i> , 2013, 123, 3788-3796.	8.2	118
4	Tolerance induction with T cell γ -dependent protein antigens induces regulatory sialylated IgGs. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 129, 1647-1655.e13.	2.9	107
5	Serum Glycome Profiling: A Biomarker for Diagnosis of Ovarian Cancer. <i>Journal of Proteome Research</i> , 2013, 12, 4056-4063.	3.7	84
6	I-Selectin γ A dynamic regulator of leukocyte migration. <i>European Journal of Cell Biology</i> , 2012, 91, 257-264.	3.6	66
7	N γ -glycosylation and biological activity of recombinant human alpha1 γ -antitrypsin expressed in a novel human neuronal cell line. <i>Biotechnology and Bioengineering</i> , 2011, 108, 2118-2128.	3.3	51
8	Glycosylation is a key in SARS-CoV-2 infection. <i>Journal of Molecular Medicine</i> , 2021, 99, 1023-1031.	3.9	50
9	N-Glycan Analysis of Recombinant L-Selectin Reveals Sulfated GalNAc and GalNAc γ GalNAc Motifs. <i>Journal of Proteome Research</i> , 2010, 9, 3403-3411.	3.7	45
10	IgG Fc sialylation is regulated during the germinal center reaction following immunization with different adjuvants. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 652-666.e11.	2.9	45
11	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
12	Sialic Acid Linkage Analysis Refines the Diagnosis of Ovarian Cancer. <i>Frontiers in Oncology</i> , 2019, 9, 261.	2.8	41
13	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
14	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
15	Pregnancy Galectinology: Insights Into a Complex Network of Glycan Binding Proteins. <i>Frontiers in Immunology</i> , 2019, 10, 1166.	4.8	39
16	Conformational Studies on Five Octasaccharides Isolated from Chondroitin Sulfate Using NMR Spectroscopy and Molecular Modeling γ . <i>Biochemistry</i> , 2007, 46, 1167-1175.	2.5	38
17	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
18	Acute γ phase glycoprotein N γ -glycome of ovarian cancer patients analyzed by CE γ ELF. <i>Electrophoresis</i> , 2016, 37, 1461-1467.	2.4	32

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19	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
20	Development and Analysis of Alpha 1-Antitrypsin Neoglycoproteins: The Impact of Additional <i>N</i> -Glycosylation Sites on Serum Half-Life. <i>Molecular Pharmaceutics</i> , 2013, 10, 2616-2629.	4.6	30
21	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 15N-labeled phCG. <i>Glycoconjugate Journal</i> , 2008, 25, 245-257.	2.7	28
22	Insight Into Interactions of Thermoacidophilic Archaea With Elemental Sulfur: Biofilm Dynamics and EPS Analysis. <i>Frontiers in Microbiology</i> , 2019, 10, 896.	3.5	28
23	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
24	Sialic acid methylation refines capillary electrophoresis laser-induced fluorescence analyses of immunoglobulin G <i>N</i> -glycans of ovarian cancer patients. <i>Electrophoresis</i> , 2014, 35, 1025-1031.	2.4	25
25	The ascites N-glycome of epithelial ovarian cancer patients. <i>Journal of Proteomics</i> , 2017, 157, 33-39.	2.4	25
26	Protein Glycosylation and Its Impact on Biotechnology. , 2011, 127, 165-185.		23
27	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
28	Immunoglobulin G Subclass-Specific Glycosylation Changes in Primary Epithelial Ovarian Cancer. <i>Frontiers in Immunology</i> , 2020, 11, 654.	4.8	20
29	Profiling of Endo H-released serum <i>N</i> -glycans using CE-LIF and MALDI-TOF-MS “ Application to rheumatoid arthritis. <i>Electrophoresis</i> , 2011, 32, 3510-3515.	2.4	19
30	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
31	Glycomic-Based Biomarkers for Ovarian Cancer: Advances and Challenges. <i>Diagnostics</i> , 2021, 11, 643.	2.6	18
32	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
33	GMPPA defects cause a neuromuscular disorder with α -dystroglycan hyperglycosylation. <i>Journal of Clinical Investigation</i> , 2021, 131, .	8.2	13
34	In Situ N-Glycosylation Signatures of Epithelial Ovarian Cancer Tissue as Defined by MALDI Mass Spectrometry Imaging. <i>Cancers</i> , 2022, 14, 1021.	3.7	13
35	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
36	Engineering of CHO Cells for the Production of Recombinant Glycoprotein Vaccines with Xylosylated N-glycans. <i>Bioengineering</i> , 2017, 4, 38.	3.5	11

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37	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
38	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
39	Altered Glycosylation in the Aging Heart. <i>Frontiers in Molecular Biosciences</i> , 2021, 8, 673044.	3.5	10
40	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
41	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
42	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
43	The effect of blood sampling and preanalytical processing on human N-glycome. <i>PLoS ONE</i> , 2018, 13, e0200507.	2.5	7
44	Enhanced detection of in-gel released N-glycans by MALDI-TOF-MS. <i>Proteomics</i> , 2015, 15, 1503-1507.	2.2	6
45	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
46	Sialylated N-glycans mediate monocyte uptake of extracellular vesicles secreted from <i>Plasmodium falciparum</i> infected red blood cells. , 2022, 1, .		6
47	Enzymatic Release of Glycoprotein N-Glycans and Fluorescent Labeling. <i>Methods in Molecular Biology</i> , 2019, 1934, 43-49.	0.9	5
48	Applying Acylated Fucose Analogues to Metabolic Glycoengineering. <i>Bioengineering</i> , 2015, 2, 213-234.	3.5	4
49	In Vitro Evaluation of Glycoengineered RSV-F in the Human Artificial Lymph Node Reactor. <i>Bioengineering</i> , 2017, 4, 70.	3.5	4
50	Photochemical degradation of trypan blue. <i>PLoS ONE</i> , 2018, 13, e0195849.	2.5	4
51	N- and O-glycosylation patterns and functional testing of CGB7 versus CGB3/5/8 variants of the human chorionic gonadotropin (hCG) beta subunit. <i>Glycoconjugate Journal</i> , 2020, 37, 599-610.	2.7	4
52	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
53	Chondroitin Sulfate Disaccharides, a Serum Marker for Primary Serous Epithelial Ovarian Cancer. <i>Diagnostics</i> , 2021, 11, 1143.	2.6	3
54	Coronavirus Disease 2019-Related Alterations of Total and Anti-Spike IgG Glycosylation in Relation to Age and Anti-Spike IgG Titer. <i>Frontiers in Microbiology</i> , 2022, 13, 775186.	3.5	3

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55	Quantitative MALDI-TOF-MS Using Stable-isotope Labeling: Application to the Analysis of N-glycans of Recombinant I±-1 Antitrypsin Produced Using Different Culture Parameters. <i>Journal of Carbohydrate Chemistry</i> , 2011, 30, 320-333.	1.1	2
56	The Burden of Hepatitis B, Hepatitis C, and Human Immunodeficiency Viruses in Ovarian Cancer Patients in Nairobi, Kenya. <i>Infectious Disease Reports</i> , 2022, 14, 433-445.	3.1	2
57	Straightforward Analysis of Sulfated Glycosaminoglycans by MALDI-TOF Mass Spectrometry from Biological Samples. <i>Biology</i> , 2022, 11, 506.	2.8	1
58	EPS Characterization of a Cell Wall-Lacking Archaeon <i>Ferroplasma acidiphilum</i> . <i>Solid State Phenomena</i> , 2017, 262, 434-438.	0.3	0
59	Chromatographic Profiling of N-Glycans. <i>Methods in Molecular Biology</i> , 2019, 1934, 65-81.	0.9	0