Albert Bondt

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2867057/publications.pdf

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		236833	302012
45	2,403	25	39
papers	citations	h-index	g-index

47	47	47	3223
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Human plasma protein N-glycosylation. Glycoconjugate Journal, 2016, 33, 309-343.	1.4	325
2	Immunoglobulin G (IgG) Fab Glycosylation Analysis Using a New Mass Spectrometric High-throughput Profiling Method Reveals Pregnancy-associated Changes. Molecular and Cellular Proteomics, 2014, 13, 3029-3039.	2.5	216
3	Association between Galactosylation of Immunoglobulin G and Improvement of Rheumatoid Arthritis during Pregnancy Is Independent of Sialylation. Journal of Proteome Research, 2013, 12, 4522-4531.	1.8	150
4	Glycoproteomic Analysis of Antibodies. Molecular and Cellular Proteomics, 2013, 12, 856-865.	2.5	146
5	Fc specific IgG glycosylation profiling by robust nano-reverse phase HPLC-MS using a sheath-flow ESI sprayer interface. Journal of Proteomics, 2012, 75, 1318-1329.	1.2	141
6	MassyTools: A High-Throughput Targeted Data Processing Tool for Relative Quantitation and Quality Control Developed for Glycomic and Glycoproteomic MALDI-MS. Journal of Proteome Research, 2015, 14, 5088-5098.	1.8	107
7	The benefits of hybrid fragmentation methods for glycoproteomics. TrAC - Trends in Analytical Chemistry, 2018, 108, 260-268.	5.8	88
8	Structural Analysis of Variable Domain Glycosylation of Anti-Citrullinated Protein Antibodies in Rheumatoid Arthritis Reveals the Presence of Highly Sialylated Glycans. Molecular and Cellular Proteomics, 2017, 16, 278-287.	2.5	82
9	Automation of High-Throughput Mass Spectrometry-Based Plasma N-Glycome Analysis with Linkage-Specific Sialic Acid Esterification. Journal of Proteome Research, 2015, 14, 4080-4086.	1.8	81
10	Nâ€Linked Glycans in the Variable Domain of IgG Antiâ€“Citrullinated Protein Antibodies Predict the Development of Rheumatoid Arthritis. Arthritis and Rheumatology, 2019, 71, 1626-1633.	2.9	80
11	Estrogen induces St6gal1 expression and increases IgG sialylation in mice and patients with rheumatoid arthritis: a potential explanation for the increased risk of rheumatoid arthritis in postmenopausal women. Arthritis Research and Therapy, 2018, 20, 84.	1.6	79
12	Maternal and Fetal Mechanisms of B Cell Regulation during Pregnancy: Human Chorionic Gonadotropin Stimulates B Cells to Produce IL-10â€‰While Alpha-Fetoprotein Drives Them into Apoptosis. Frontiers in Immunology, 2016, 7, 495.	2.2	71
13	High-throughput Serum N-Glycomics: Method Comparison and Application to Study Rheumatoid Arthritis and Pregnancy-associated Changes. Molecular and Cellular Proteomics, 2019, 18, 3-15.	2.5	69
14	A zebrafish model of dyskeratosis congenita reveals hematopoietic stem cell formation failure resulting from ribosomal protein-mediated p53 stabilization. Blood, 2011, 118, 5458-5465.	0.6	62
15	Comparative Glycomics of Immunoglobulin A and G From Saliva and Plasma Reveals Biomarker Potential. Frontiers in Immunology, 2018, 9, 2436.	2.2	59
16	Pregnancy-associated serum N-glycome changes studied by high-throughput MALDI-TOF-MS. Scientific Reports, 2016, 6, 23296.	1.6	54
17	Recent Advances in Clinical Glycoproteomics of Immunoglobulins (Igs). Molecular and Cellular Proteomics, 2016, 15, 2217-2228.	2.5	54
18	Human Milk from Previously COVID-19-Infected Mothers: The Effect of Pasteurization on Specific Antibodies and Neutralization Capacity. Nutrients, 2021, 13, 1645.	1.7	54

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19	Serum Protein N-Glycosylation Changes with Rheumatoid Arthritis Disease Activity during and after Pregnancy. Frontiers in Medicine, 2017, 4, 241.	1.2	44
20	Human plasma IgG1 repertoires are simple, unique, and dynamic. Cell Systems, 2021, 12, 1131-1143.e5.	2.9	37
21	Improved nonreductive O-glycan release by hydrazinolysis with ethylenediaminetetraacetic acid addition. Analytical Biochemistry, 2014, 453, 29-37.	1.1	36
22	Longitudinal monitoring of immunoglobulin A glycosylation during pregnancy by simultaneous MALDI-FTICR-MS analysis of N- and O-glycopeptides. Scientific Reports, 2016, 6, 27955.	1.6	36
23	Serum protein N-glycosylation changes in multiple myeloma. Biochimica Et Biophysica Acta - General Subjects, 2019, 1863, 960-970.	1.1	33
24	MALDI-TOF-MS reveals differential N-linked plasma- and IgG-glycosylation profiles between mothers and their newborns. Scientific Reports, 2016, 6, 34001.	1.6	31
25	ACPA IgG galactosylation associates with disease activity in pregnant patients with rheumatoid arthritis. Annals of the Rheumatic Diseases, 2018, 77, annrheumdis-2018-212946.	0.5	31
26	Fab glycosylation of immunoglobulin G does not associate with improvement of rheumatoid arthritis during pregnancy. Arthritis Research and Therapy, 2016, 18, 274.	1.6	29
27	Simultaneous Immunoglobulin A and G Glycopeptide Profiling for High-Throughput Applications. Analytical Chemistry, 2020, 92, 4518-4526.	3.2	28
28	IgA N- and O-glycosylation profiling reveals no association with the pregnancy-related improvement in rheumatoid arthritis. Arthritis Research and Therapy, 2017, 19, 160.	1.6	26
29	HappyTools: A software for high-throughput HPLC data processing and quantitation. PLoS ONE, 2018, 13, e0200280.	1.1	26
30	Translation of branched-chain aminotransferase-1 transcripts is impaired in cells haploinsufficient for ribosomal protein genes. Experimental Hematology, 2014, 42, 394-403.e4.	0.2	23
31	Monoclonal immunoglobulins promote bone loss in multiple myeloma. Blood, 2020, 136, 2656-2666.	0.6	21
32	Generating Informative Sequence Tags from Antigen-Binding Regions of Heavily Glycosylated IgA1 Antibodies by Native Top-Down Electron Capture Dissociation. Journal of the American Society for Mass Spectrometry, 2021, 32, 1326-1335.	1.2	15
33	Extending Native Top-Down Electron Capture Dissociation to MDa Immunoglobulin Complexes Provides Useful Sequence Tags Covering Their Critical Variable Complementarity-Determining Regions. Analytical Chemistry, 2021, 93, 16068-16075.	3.2	14
34	Selectivity over coverage in de novo sequencing of IgGs. Chemical Science, 2020, 11, 11886-11896.	3.7	13
35	A Direct MS-Based Approach to Profile Human Milk Secretory Immunoglobulin A (IgA1) Reveals Donor-Specific Clonal Repertoires With High Longitudinal Stability. Frontiers in Immunology, 2021, 12, 789748.	2.2	10
36	Trace N-glycans including sulphated species may originate from various plasma glycoproteins and not necessarily IgG. Nature Communications, 2018, 9, 2916.	5.8	7

#	Article	IF	Citations
37	Breastmilk: A Source of SARS-CoV-2 Specific IgA Antibodies. SSRN Electronic Journal, 0, , .	0.4	7
38	Changes in IgG-Fc N-glycan sialylation, galactosylation and fucosylation influence disease activity during and after pregnancy in rheumatoid arthritis. Annals of the Rheumatic Diseases, 2012, 71, A34.2-A35.	0.5	5
39	Low amounts of bisecting glycans characterize cerebrospinal fluid-borne IgG. Journal of Neuroimmunology, 2018, 320, 19-24.	1.1	4
40	Human Plasma IgG1 Repertoires are Simple, Unique, and Dynamic. SSRN Electronic Journal, 0, , .	0.4	4
41	A1.2â€...High Throughput analysis of IGG fab glycosylation reveals differences between RA-patients and healthy controls during pregnancy and after delivery. Annals of the Rheumatic Diseases, 2014, 73, A1.2-A1.	0.5	2
42	SAT0019â€...Estrogen influences the sialylation profile and inflammatory properties of antibodies â€“ a potential explanation for the sex differences and increased risk for ra in postmenopausal women. , 2017, , .		1
43	OP0295â€...N-LINKED GLYCANS IN THE VARIABLE DOMAIN OF ACPA-IGG IN THE DEVELOPMENT OF RHEUMATOID ARTHRITIS. , 2019, , .		1
44	FRI0083â€...Reduced increase of ACPA IGG-FC galactosylation during pregnancy in comparison to total IGG: an explanation why autoantibody positive RA-patients improve less during pregnancy?. , 2017, , .		0
45	Glycosylationof Immunoglobulins Determine Bone Loss in Multiple Myeloma. Blood, 2019, 134, 4324-4324.	0.6	0