

# Albert Bondt

## List of Publications by Year in descending order

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

Version: 2024-02-01

45  
papers

2,403  
citations

236612

25  
h-index

301761

39  
g-index

47  
all docs

47  
docs citations

47  
times ranked

3223  
citing authors

#	ARTICLE	IF	CITATIONS
1	Generating Informative Sequence Tags from Antigen-Binding Regions of Heavily Glycosylated IgA1 Antibodies by Native Top-Down Electron Capture Dissociation. <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 1326-1335.	1.2	15
2	Human Milk from Previously COVID-19-Infected Mothers: The Effect of Pasteurization on Specific Antibodies and Neutralization Capacity. <i>Nutrients</i> , 2021, 13, 1645.	1.7	54
3	Human plasma IgG1 repertoires are simple, unique, and dynamic. <i>Cell Systems</i> , 2021, 12, 1131-1143.e5.	2.9	37
4	Extending Native Top-Down Electron Capture Dissociation to MDa Immunoglobulin Complexes Provides Useful Sequence Tags Covering Their Critical Variable Complementarity-Determining Regions. <i>Analytical Chemistry</i> , 2021, 93, 16068-16075.	3.2	14
5	A Direct MS-Based Approach to Profile Human Milk Secretory Immunoglobulin A (IgA1) Reveals Donor-Specific Clonal Repertoires With High Longitudinal Stability. <i>Frontiers in Immunology</i> , 2021, 12, 789748.	2.2	10
6	Selectivity over coverage in <i>de novo</i> sequencing of IgGs. <i>Chemical Science</i> , 2020, 11, 11886-11896.	3.7	13
7	Monoclonal immunoglobulins promote bone loss in multiple myeloma. <i>Blood</i> , 2020, 136, 2656-2666.	0.6	21
8	Simultaneous Immunoglobulin A and G Glycopeptide Profiling for High-Throughput Applications. <i>Analytical Chemistry</i> , 2020, 92, 4518-4526.	3.2	28
9	<i>N</i> -Linked Glycans in the Variable Domain of IgG Anti-Citrullinated Protein Antibodies Predict the Development of Rheumatoid Arthritis. <i>Arthritis and Rheumatology</i> , 2019, 71, 1626-1633.	2.9	80
10	Serum protein N-glycosylation changes in multiple myeloma. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 960-970.	1.1	33
11	OPO295...N-LINKED GLYCANS IN THE VARIABLE DOMAIN OF ACPA-IGG IN THE DEVELOPMENT OF RHEUMATOID ARTHRITIS. , 2019, , .		1
12	High-throughput Serum N-Glycomics: Method Comparison and Application to Study Rheumatoid Arthritis and Pregnancy-associated Changes. <i>Molecular and Cellular Proteomics</i> , 2019, 18, 3-15.	2.5	69
13	Glycosylation of Immunoglobulins Determine Bone Loss in Multiple Myeloma. <i>Blood</i> , 2019, 134, 4324-4324.	0.6	0
14	Low amounts of bisecting glycans characterize cerebrospinal fluid-borne IgG. <i>Journal of Neuroimmunology</i> , 2018, 320, 19-24.	1.1	4
15	ACPA IgG galactosylation associates with disease activity in pregnant patients with rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2018, 77, annrheumdis-2018-212946.	0.5	31
16	Comparative Glycomics of Immunoglobulin A and G From Saliva and Plasma Reveals Biomarker Potential. <i>Frontiers in Immunology</i> , 2018, 9, 2436.	2.2	59
17	The benefits of hybrid fragmentation methods for glycoproteomics. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 108, 260-268.	5.8	88
18	Trace N-glycans including sulphated species may originate from various plasma glycoproteins and not necessarily IgG. <i>Nature Communications</i> , 2018, 9, 2916.	5.8	7

#	ARTICLE	IF	CITATIONS
19	HappyTools: A software for high-throughput HPLC data processing and quantitation. PLoS ONE, 2018, 13, e0200280.	1.1	26
20	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
21	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
22	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
23	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
24	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
25	Serum Protein N-Glycosylation Changes with Rheumatoid Arthritis Disease Activity during and after Pregnancy. Frontiers in Medicine, 2017, 4, 241.	1.2	44
26	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
27	Pregnancy-associated serum N-glycome changes studied by high-throughput MALDI-TOF-MS. Scientific Reports, 2016, 6, 23296.	1.6	54
28	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
29	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
30	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
31	Recent Advances in Clinical Glycoproteomics of Immunoglobulins (Igs). Molecular and Cellular Proteomics, 2016, 15, 2217-2228.	2.5	54
32	Human plasma protein N-glycosylation. Glycoconjugate Journal, 2016, 33, 309-343.	1.4	325
33	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
34	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
35	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
36	Improved nonreductive O-glycan release by hydrazinolysis with ethylenediaminetetraacetic acid addition. Analytical Biochemistry, 2014, 453, 29-37.	1.1	36

#	ARTICLE	IF	CITATIONS
37	A1.2â€¦High Throughput analysis of IGG fab glycosylation reveals differences between RA-patients and healthy controls during pregnancy and after delivery. <i>Annals of the Rheumatic Diseases</i> , 2014, 73, A1.2-A1.	0.5	2
38	Translation of branched-chain aminotransferase-1 transcripts is impaired in cells haploinsufficient for ribosomal protein genes. <i>Experimental Hematology</i> , 2014, 42, 394-403.e4.	0.2	23
39	Association between Galactosylation of Immunoglobulin G and Improvement of Rheumatoid Arthritis during Pregnancy Is Independent of Sialylation. <i>Journal of Proteome Research</i> , 2013, 12, 4522-4531.	1.8	150
40	Glycoproteomic Analysis of Antibodies. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 856-865.	2.5	146
41	Fc specific IgG glycosylation profiling by robust nano-reverse phase HPLC-MS using a sheath-flow ESI sprayer interface. <i>Journal of Proteomics</i> , 2012, 75, 1318-1329.	1.2	141
42	Changes in IgG-Fc N-glycan sialylation, galactosylation and fucosylation influence disease activity during and after pregnancy in rheumatoid arthritis. <i>Annals of the Rheumatic Diseases</i> , 2012, 71, A34.2-A35.	0.5	5
43	A zebrafish model of dyskeratosis congenita reveals hematopoietic stem cell formation failure resulting from ribosomal protein-mediated p53 stabilization. <i>Blood</i> , 2011, 118, 5458-5465.	0.6	62
44	Breastmilk: A Source of SARS-CoV-2 Specific IgA Antibodies. <i>SSRN Electronic Journal</i> , 0, , .	0.4	7
45	Human Plasma IgG1 Repertoires are Simple, Unique, and Dynamic. <i>SSRN Electronic Journal</i> , 0, , .	0.4	4