

Barbara Adamczyk

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

2,435
citations

279798

23
h-index

434195

31
g-index

31
all docs

31
docs citations

31
times ranked

3682
citing authors

#	ARTICLE	IF	CITATIONS
1	High Throughput Isolation and Glycosylation Analysis of IgGâ€™s Variability and Heritability of the IgG Glycome in Three Isolated Human Populations. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M111.010090.	3.8	443
2	Glycans as cancer biomarkers. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 1347-1353.	2.4	426
3	Loci Associated with N-Glycosylation of Human Immunoglobulin G Show Pleiotropy with Autoimmune Diseases and Haematological Cancers. <i>PLoS Genetics</i> , 2013, 9, e1003225.	3.5	323
4	Automated, High-Throughput IgG-Antibody Glycoprofilng Platform. <i>Analytical Chemistry</i> , 2013, 85, 8841-8849.	6.5	102
5	Structural Diversity of Human Gastric Mucin Glycans. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 743-758.	3.8	100
6	Mutations in <i>HNF1A</i> Result in Marked Alterations of Plasma Glycan Profile. <i>Diabetes</i> , 2013, 62, 1329-1337.	0.6	97
7	NIST Interlaboratory Study on Glycosylation Analysis of Monoclonal Antibodies: Comparison of Results from Diverse Analytical Methods. <i>Molecular and Cellular Proteomics</i> , 2020, 19, 11-30.	3.8	87
8	Polymorphisms in B3GAT1, SLC9A9 and MGAT5 are associated with variation within the human plasma N-glycome of 3533 European adults. <i>Human Molecular Genetics</i> , 2011, 20, 5000-5011.	2.9	74
9	Structural Diversity of Human Gastric Mucin Glycans. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 743-758.	3.8	66
10	Comparison of separation techniques for the elucidation of IgG N-glycans pooled from healthy mammalian species. <i>Carbohydrate Research</i> , 2014, 389, 174-185.	2.3	59
11	Plasma N-glycans in colorectal cancer risk. <i>Scientific Reports</i> , 2018, 8, 8655.	3.3	57
12	Protein Paucimannosylation Is an Enriched N-Glycosylation Signature of Human Cancers. <i>Proteomics</i> , 2019, 19, e1900010.	2.2	52
13	N-Glycan Abnormalities in Children with Galactosemia. <i>Journal of Proteome Research</i> , 2014, 13, 385-394.	3.7	50
14	Glycomic analysis of gastric carcinoma cells discloses glycans as modulators of RON receptor tyrosine kinase activation in cancer. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 1795-1808.	2.4	49
15	Characterization of Fibrinogen Glycosylation and Its Importance for Serum/Plasma N-Glycome Analysis. <i>Journal of Proteome Research</i> , 2013, 12, 444-454.	3.7	48
16	Glycosylation status of serum in inflammatory arthritis in response to anti-TNF treatment. <i>Rheumatology</i> , 2013, 52, 1572-1582.	1.9	47
17	Databases and Associated Tools for Glycomics and Glycoproteomics. <i>Methods in Molecular Biology</i> , 2017, 1503, 235-264.	0.9	44
18	Strategies for the profiling, characterisation and detailed structural analysis of N-linked oligosaccharides. <i>Glycoconjugate Journal</i> , 2013, 30, 137-146.	2.7	41

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19	Association of Medication with the Human Plasma <i>N</i> -Glycome. <i>Journal of Proteome Research</i> , 2012, 11, 1821-1831.	3.7	30
20	Multiple juvenile idiopathic arthritis subtypes demonstrate proinflammatory IgG glycosylation. <i>Arthritis and Rheumatism</i> , 2012, 64, 3025-3033.	6.7	29
21	High-throughput characterization of the functional impact of IgG Fc glycan aberrancy in juvenile idiopathic arthritis. <i>Glycobiology</i> , 2017, 27, 1099-1108.	2.5	29
22	<i>Helicobacter suis</i> binding to carbohydrates on human and porcine gastric mucins and glycolipids occurs via two modes. <i>Virulence</i> , 2018, 9, 898-918.	4.4	29
23	IgG Fc glycosylation as an axis of humoral immunity in childhood. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 710-713.e9.	2.9	27
24	<i>Helicobacter suis</i> infection alters glycosylation and decreases the pathogen growth inhibiting effect and binding avidity of gastric mucins. <i>Mucosal Immunology</i> , 2019, 12, 784-794.	6.0	22
25	Structural Aspects of N-Glycosylations and the C-terminal Region in Human Glypican-1. <i>Journal of Biological Chemistry</i> , 2015, 290, 22991-23008.	3.4	20
26	High-Throughput Analysis of the Plasma N-Glycome by UHPLC. <i>Methods in Molecular Biology</i> , 2017, 1503, 97-108.	0.9	20
27	Sample handling of gastric tissue and O-glycan alterations in paired gastric cancer and non-tumorigenic tissues. <i>Scientific Reports</i> , 2018, 8, 242.	3.3	16
28	EndoSd: an IgG glycan hydrolyzing enzyme in <i>Streptococcus dysgalactiae</i> subspecies <i>dysgalactiae</i> . <i>Future Microbiology</i> , 2016, 11, 721-736.	2.0	15
29	Glycomic and sialoproteomic data of gastric carcinoma cells overexpressing ST3GAL4. <i>Data in Brief</i> , 2016, 7, 814-833.	1.0	13
30	Next Generation O-Linked Glycomics. <i>Trends in Glycoscience and Glycotechnology</i> , 2017, 29, E35-E46.	0.1	12
31	Pregnancy-Associated Changes of IgG and Serum N-Glycosylation in Camel (<i>Camelus</i>) Tj ETQq1 1 0.784314 rgBTj Overlock 10 Tf 5 3.7	3.7	10