

Olga Gornik

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5342662/publications.pdf>

Version: 2024-02-01

72
papers

4,720
citations

126907

33
h-index

102487

66
g-index

76
all docs

76
docs citations

76
times ranked

4489
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of an exoglycosidase plate-based assay for detecting α 1-3,4 fucosylation biomarker in individuals with HNF1A-MODY. <i>Glycobiology</i> , 2022, 32, 230-238.	2.5	3
2	Fucosylated AGP glycopeptides as biomarkers of HNF1A-Maturity onset diabetes of the young. <i>Diabetes Research and Clinical Practice</i> , 2022, 185, 109226.	2.8	4
3	Comparison of self-sampling blood collection for N-glycosylation analysis. <i>BMC Research Notes</i> , 2022, 15, 61.	1.4	2
4	Changes in Specific Biomarkers Indicate Cardiac Adaptive and Anti-inflammatory Response of Repeated Recreational SCUBA Diving. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 855682.	2.4	3
5	N-Glycosylation Patterns across the Age-Related Macular Degeneration Spectrum. <i>Molecules</i> , 2022, 27, 1774.	3.8	3
6	Developments and perspectives in high-throughput protein glycomics: enabling the analysis of thousands of samples. <i>Glycobiology</i> , 2022, 32, 651-663.	2.5	24
7	Children at onset of type 1 diabetes show altered N-glycosylation of plasma proteins and IgG. <i>Diabetologia</i> , 2022, 65, 1315-1327.	6.3	8
8	High-Throughput and Site-Specific N-Glycosylation Analysis of Human Alpha-1-Acid Glycoprotein Offers a Great Potential for New Biomarker Discovery. <i>Molecular and Cellular Proteomics</i> , 2021, 20, 100044.	3.8	29
9	Interlaboratory evaluation of plasma N-glycan antennary fucosylation as a clinical biomarker for HNF1A-MODY using liquid chromatography methods. <i>Glycoconjugate Journal</i> , 2021, 38, 375-386.	2.7	10
10	Extensive weight loss reduces glycan age by altering IgG N-glycosylation. <i>International Journal of Obesity</i> , 2021, 45, 1521-1531.	3.4	29
11	The effect of $n-3$ polyunsaturated fatty acids-enriched hen eggs consumption on IgG and total plasma protein N-glycosylation in healthy individuals and cardiovascular patients. <i>Glycobiology</i> , 2021, 31, 1163-1175.	2.5	2
12	N-glycosylation of immunoglobulin G predicts incident hypertension. <i>Journal of Hypertension</i> , 2021, 39, 2527-2533.	0.5	13
13	Plasma N-glycome shows continuous deterioration as the diagnosis of insulin resistance approaches. <i>BMJ Open Diabetes Research and Care</i> , 2021, 9, e002263.	2.8	13
14	Protein Glycosylation in Diabetes. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1325, 285-305.	1.6	6
15	Plasma N -Glycans as Emerging Biomarkers of Cardiometabolic Risk: A Prospective Investigation in the EPIC-Potsdam Cohort Study. <i>Diabetes Care</i> , 2020, 43, 661-668.	8.6	64
16	Glycosylation Alterations in Multiple Sclerosis Show Increased Proinflammatory Potential. <i>Biomedicines</i> , 2020, 8, 410.	3.2	26
17	Association of the IgG N -glycome with the course of kidney function in type 2 diabetes. <i>BMJ Open Diabetes Research and Care</i> , 2020, 8, e001026.	2.8	23
18	A precise and versatile platform for rapid glycosylation analysis of brain tissue. <i>Analytical Methods</i> , 2020, 12, 1786-1797.	2.7	5

#	ARTICLE	IF	CITATIONS
19	Altered N-glycosylation profiles as potential biomarkers and drug targets in diabetes. FEBS Letters, 2019, 593, 1598-1615.	2.8	85
20	Intense Physical Exercise Induces an Anti-inflammatory Change in IgG N-Glycosylation Profile. Frontiers in Physiology, 2019, 10, 1522.	2.8	28
21	Plasma Fucosylated Glycans and C-Reactive Protein as Biomarkers of HNF1A-MODY in Young Adults with Onset Nonautoimmune Diabetes. Diabetes Care, 2019, 42, 17-26.	8.6	44
22	Glycosylation of Immunoglobulin G Associates With Clinical Features of Inflammatory Bowel Diseases. Gastroenterology, 2018, 154, 1320-1333.e10.	1.3	116
23	N-Glycan Profile and Kidney Disease in Type 1 Diabetes. Diabetes Care, 2018, 41, 79-87.	8.6	75
24	N-glycosylation patterns of plasma proteins and immunoglobulin G in chronic obstructive pulmonary disease. Journal of Translational Medicine, 2018, 16, 323.	4.4	49
25	Comparison of 2-Aminobenzamide, Procainamide and RapiFluor-MS as Derivatizing Agents for High-Throughput HILIC-UPLC-FLR-MS N-glycan Analysis. Frontiers in Chemistry, 2018, 6, 324.	3.6	94
26	Plasma N-Glycan Signatures Are Associated With Features of Inflammatory Bowel Diseases. Gastroenterology, 2018, 155, 829-843.	1.3	80
27	Maturity onset diabetes of the young due to HNF1A variants in Croatia. Biochimica Medica, 2018, 28, 020703.	2.7	17
28	Micronucleus, cell-free DNA, and plasma glycan composition in the newborns of healthy and diabetic mothers. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2017, 815, 6-15.	1.7	4
29	Effects of statins on the immunoglobulin G glycome. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 1152-1158.	2.4	20
30	Increased plasma N-glycome complexity is associated with higher risk of type 2 diabetes. Diabetologia, 2017, 60, 2352-2360.	6.3	78
31	IgG glycan patterns are associated with type 2 diabetes in independent European populations. Biochimica Et Biophysica Acta - General Subjects, 2017, 1861, 2240-2249.	2.4	93
32	Analysis of N-Glycosylation of Total Membrane Proteins. Methods in Molecular Biology, 2017, 1503, 197-205.	0.9	0
33	Changes in total plasma and serum N-glycome composition and patient-controlled analgesia after major abdominal surgery. Scientific Reports, 2016, 6, 31234.	3.3	28
34	Separation and Purification of Glycans Out of Glycoproteins. Springer Protocols, 2016, , 377-388.	0.3	2
35	Enrichment of hydrophobic membrane proteins using Triton X-114 and subsequent analysis of their N-glycosylation. Biochimica Et Biophysica Acta - General Subjects, 2016, 1860, 1710-1715.	2.4	8
36	Association of Systemic Lupus Erythematosus With Decreased Immunosuppressive Potential of the IgG Glycome. Arthritis and Rheumatology, 2015, 67, 2978-2989.	5.6	211

#	ARTICLE	IF	CITATIONS
37	Inflammatory Bowel Disease Associates with Proinflammatory Potential of the Immunoglobulin G Glycome. <i>Inflammatory Bowel Diseases</i> , 2015, 21, 1.	1.9	161
38	Estimation of human age using N-glycan profiles from bloodstains. <i>International Journal of Legal Medicine</i> , 2015, 129, 955-961.	2.2	22
39	Comparative Performance of Four Methods for High-throughput Glycosylation Analysis of Immunoglobulin G in Genetic and Epidemiological Research. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 1598-1610.	3.8	169
40	Glycans Are a Novel Biomarker of Chronological and Biological Ages. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014, 69, 779-789.	3.6	297
41	Prognostic value of cell-free DNA in plasma of out-of-hospital cardiac arrest survivors at ICU admission and 24h post-admission. <i>Resuscitation</i> , 2014, 85, 233-237.	3.0	20
42	Changes in IgG and total plasma protein glycomes in acute systemic inflammation. <i>Scientific Reports</i> , 2014, 4, 4347.	3.3	125
43	Prognostic value of cell-free DNA in plasma of out-of-hospital cardiac arrest survivors quantified at ICU admission and 24h post-admission. <i>Resuscitation</i> , 2013, 84, S87-S88.	3.0	0
44	Mutations in <i>HNF1A</i> Result in Marked Alterations of Plasma Glycan Profile. <i>Diabetes</i> , 2013, 62, 1329-1337.	0.6	97
45	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
46	Glycosylation of Immunoglobulin G: Role of Genetic and Epigenetic Influences. <i>PLoS ONE</i> , 2013, 8, e82558.	2.5	105
47	Epigenetic silencing of <i>HNF1A</i> associates with changes in the composition of the human plasma N-glycome. <i>Epigenetics</i> , 2012, 7, 164-172.	2.7	37
48	Alternative glycosylation modulates function of IgG and other proteins – Implications on evolution and disease. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 1318-1326.	2.4	117
49	Robustness testing of the high throughput HPLC-based analysis of plasma N-glycans. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2012, 1820, 1399-1404.	2.4	7
50	Changes in plasma and IgG N-glycome during childhood and adolescence. <i>Glycobiology</i> , 2012, 22, 975-982.	2.5	61
51	High Throughput Isolation and Glycosylation Analysis of IgG – 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
52	High throughput plasma N-glycome profiling using multiplexed labelling and UPLC with fluorescence detection. <i>Analyst</i> , 2011, 136, 4670.	3.5	38
53	Glycomics meets lipidomics – associations of N-glycans with classical lipids, glycerophospholipids, and sphingolipids in three European populations. <i>Molecular BioSystems</i> , 2011, 7, 1852.	2.9	19
54	Evaluation of Cell-Free DNA in Plasma and Serum as Early Predictors of Severity in Acute Pancreatitis. <i>Pancreas</i> , 2011, 40, 787-788.	1.1	9

#	ARTICLE	IF	CITATIONS
55	Change of Transferrin Sialylation Differs between Mild Sepsis and Severe Sepsis and Septic Shock. Internal Medicine, 2011, 50, 861-869.	0.7	14
56	Does inbreeding affect N-glycosylation of human plasma proteins?. Molecular Genetics and Genomics, 2011, 285, 427-432.	2.1	2
57	Polymorphisms in B3GAT1, SLC9A9 and MGAT5 are associated with variation within the human plasma N-glycome of 3533 European adults. Human Molecular Genetics, 2011, 20, 5000-5011.	2.9	74
58	Human Plasma Glycome in Attention-Deficit Hyperactivity Disorder and Autism Spectrum Disorders. Molecular and Cellular Proteomics, 2011, 10, M110.004200.	3.8	34
59	Genomics Meets Glycomics – The First GWAS Study of Human N-Glycome Identifies HNF1 α as a Master Regulator of Plasma Protein Fucosylation. PLoS Genetics, 2010, 6, e1001256.	3.5	213
60	Common aberrations from the normal human plasma N-glycan profile. Glycobiology, 2010, 20, 970-975.	2.5	44
61	Effects of aging, body mass index, plasma lipid profiles, and smoking on human plasma N-glycans. Glycobiology, 2010, 20, 959-969.	2.5	207
62	Genome-wide association study identifies FUT8 and ESR2 as co-regulators of a bi-antennary N-linked glycan A2 (GlcNAc \sim 2 \sim Man \sim 3 \sim GlcNAc \sim 2 \sim) in human plasma proteins. Nature Precedings, 2009, , .	0.1	6
63	Stability of N-glycan profiles in human plasma. Glycobiology, 2009, 19, 1547-1553.	2.5	126
64	Free serum DNA is an early predictor of severity in acute pancreatitis. Clinical Biochemistry, 2009, 42, 38-43.	1.9	25
65	Variability, Heritability and Environmental Determinants of Human Plasma N-Glycome. Journal of Proteome Research, 2009, 8, 694-701.	3.7	212
66	Change in transferrin sialylation is a potential prognostic marker for severity of acute pancreatitis. Clinical Biochemistry, 2008, 41, 504-510.	1.9	21
67	Glycosylation of Serum Proteins in Inflammatory Diseases. Disease Markers, 2008, 25, 267-278.	1.3	209
68	Genetic evidence for the identity of <i>Caulerpa racemosa</i> (Forssk. \neq !) J. Agardh (Caulerpales, Chlorophyta) in the Adriatic Sea. European Journal of Phycology, 2007, 42, 113-120.	2.0	9
69	Changes of Serum Glycans During Sepsis and Acute Pancreatitis. Glycobiology, 2007, 17, 1321-1332.	2.5	69
70	HbA1c is outcome predictor in diabetic patients with sepsis. Diabetes Research and Clinical Practice, 2007, 77, 120-125.	2.8	34
71	Enzyme linked lectin assay (ELLA) for direct analysis of transferrin sialylation in serum samples. Clinical Biochemistry, 2007, 40, 718-723.	1.9	41
72	Glycoscience – a new frontier in rational drug design. Acta Pharmaceutica, 2006, 56, 19-30.	2.0	16