

Ivan Gudelj

List of Publications by Year in descending order

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Version: 2024-02-01

33
papers

1,590
citations

394286

19
h-index

434063

31
g-index

37
all docs

37
docs citations

37
times ranked

2069
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunoglobulin G glycosylation in aging and diseases. Cellular Immunology, 2018, 333, 65-79.	1.4	301
2	Association of Systemic Lupus Erythematosus With Decreased Immunosuppressive Potential of the IgG Glycome. Arthritis and Rheumatology, 2015, 67, 2978-2989.	2.9	211
3	Transcriptomic taxonomy and neurogenic trajectories of adult human, macaque, and pig hippocampal and entorhinal cells. Neuron, 2022, 110, 452-469.e14.	3.8	142
4	Glycosylation of immunoglobulin G is regulated by a large network of genes pleiotropic with inflammatory diseases. Science Advances, 2020, 6, eaax0301.	4.7	90
5	Glycosylation Profile of Immunoglobulin G Is Cross-Sectionally Associated With Cardiovascular Disease Risk Score and Subclinical Atherosclerosis in Two Independent Cohorts. Circulation Research, 2018, 122, 1555-1564.	2.0	87
6	Increased plasma N-glycome complexity is associated with higher risk of type 2 diabetes. Diabetologia, 2017, 60, 2352-2360.	2.9	78
7	Glycosylation Profile of IgG in Moderate Kidney Dysfunction. Journal of the American Society of Nephrology: JASN, 2016, 27, 933-941.	3.0	75
8	Low galactosylation of IgG associates with higher risk for future diagnosis of rheumatoid arthritis during 10 years of follow-up. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2018, 1864, 2034-2039.	1.8	66
9	High-throughput glycomics: Optimization of sample preparation. Biochemistry (Moscow), 2015, 80, 934-942.	0.7	51
10	Effects of Environmental Factors on Severity and Mortality of COVID-19. Frontiers in Medicine, 2020, 7, 607786.	1.2	40
11	Global variability of the human IgG glycome. Aging, 2020, 12, 15222-15259.	1.4	37
12	IgG glycosylation and DNA methylation are interconnected with smoking. Biochimica Et Biophysica Acta - General Subjects, 2018, 1862, 637-648.	1.1	33
13	Molecular Pathways Mediating Immunosuppression in Response to Prolonged Intensive Physical Training, Low-Energy Availability, and Intensive Weight Loss. Frontiers in Immunology, 2019, 10, 907.	2.2	33
14	N-Glycosylation and Inflammation; the Not-So-Sweet Relation. Frontiers in Immunology, 0, 13, .	2.2	29
15	Changes in total plasma and serum N-glycome composition and patient-controlled analgesia after major abdominal surgery. Scientific Reports, 2016, 6, 31234.	1.6	28
16	Utilization of N-glycosylation profiles as risk stratification biomarkers for suboptimal health status and metabolic syndrome in a Ghanaian population. Biomarkers in Medicine, 2019, 13, 1273-1287.	0.6	28
17	The Association Between Low Back Pain and Composition of IgG Glycome. Scientific Reports, 2016, 6, 26815.	1.6	26
18	N-glycome of the Lysosomal Glycocalyx is Altered in Niemann-Pick Type C Disease (NPC) Model Cells. Molecular and Cellular Proteomics, 2018, 17, 631-642.	2.5	26

#	ARTICLE	IF	CITATIONS
19	High throughput profiling of whole plasma N-glycans in type II diabetes mellitus patients and healthy individuals: A perspective from a Ghanaian population. <i>Archives of Biochemistry and Biophysics</i> , 2019, 661, 10-21.	1.4	23
20	Estimation of human age using N-glycan profiles from bloodstains. <i>International Journal of Legal Medicine</i> , 2015, 129, 955-961.	1.2	22
21	â€ˆOmicsâ€™ biomarkers associated with chronic low back pain: protocol of a retrospective longitudinal study. <i>BMJ Open</i> , 2016, 6, e012070.	0.8	19
22	Protein N-Glycosylation in Cardiovascular Diseases and Related Risk Factors. <i>Current Cardiovascular Risk Reports</i> , 2018, 12, 1.	0.8	19
23	Glycosylation of human plasma lipoproteins reveals a high level of diversity, which directly impacts their functional properties. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 643-653.	1.2	19
24	Comprehensive N-glycosylation analysis of immunoglobulin G from dried blood spots. <i>Glycobiology</i> , 2019, 29, 817-821.	1.3	16
25	Replication of 15 loci involved in human plasma protein N-glycosylation in 4802 samples from four cohorts. <i>Glycobiology</i> , 2021, 31, 82-88.	1.3	15
26	Validation of standard operating procedures in a multicenter retrospective study to identify -omics biomarkers for chronic low back pain. <i>PLoS ONE</i> , 2017, 12, e0176372.	1.1	15
27	N-glycosylation profiling of Type 2 Diabetes mellitus from baseline to follow-up: an observational study in a Ghanaian population. <i>Biomarkers in Medicine</i> , 2021, 15, 467-480.	0.6	9
28	Enrichment of hydrophobic membrane proteins using Triton X-114 and subsequent analysis of their N-glycosylation. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2016, 1860, 1710-1715.	1.1	8
29	HILIC-UPLC Analysis of Brain Tissue N-Glycans. <i>Methods in Molecular Biology</i> , 2017, 1503, 207-216.	0.4	5
30	Increased yield of enzymatic synthesis by chromatographic selection of different N-glycoforms of yeast invertase. <i>Electrophoresis</i> , 2020, 42, 2626-2636.	1.3	2
31	Is the extent of left atrial fibrosis associated with body mass index in patients undergoing pulmonary vein isolation for atrial fibrillation?. <i>Kardiologia Polska</i> , 2021, 79, 531-538.	0.3	1
32	SP086GLYCOSILATION PROFILE OF IMMUNOGLOBULIN G IN EARLY CHRONIC KIDNEY DISEASE. <i>Nephrology Dialysis Transplantation</i> , 2015, 30, iii407-iii407.	0.4	0
33	Glycans and Cardiovascular Diseases. , 2021, , .		0