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List of Publications by Year in descending order

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Version: 2024-02-01

40
papers

4,123
citations

304743

22
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330143

37
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all docs

43
docs citations

43
times ranked

6218
citing authors

#	ARTICLE	IF	CITATIONS
1	Glycosylation in cancer: mechanisms and clinical implications. <i>Nature Reviews Cancer</i> , 2015, 15, 540-555.	28.4	2,147
2	Canine tumors: a spontaneous animal model of human carcinogenesis. <i>Translational Research</i> , 2012, 159, 165-172.	5.0	208
3	Glycosylation in cancer: Selected roles in tumour progression, immune modulation and metastasis. <i>Cellular Immunology</i> , 2018, 333, 46-57.	3.0	157
4	Epithelial E- and P-cadherins: Role and clinical significance in cancer. <i>Biochimica Et Biophysica Acta: Reviews on Cancer</i> , 2012, 1826, 297-311.	7.4	137
5	Modulation of E-cadherin function and dysfunction by N-glycosylation. <i>Cellular and Molecular Life Sciences</i> , 2011, 68, 1011-1020.	5.4	132
6	Glycans as Key Checkpoints of T Cell Activity and Function. <i>Frontiers in Immunology</i> , 2018, 9, 2754.	4.8	109
7	E-cadherin and adherens-junctions stability in gastric carcinoma: Functional implications of glycosyltransferases involving N-glycan branching biosynthesis, N-acetylglucosaminyltransferases III and V. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 2690-2700.	2.4	101
8	The role of N-acetylglucosaminyltransferase III and V in the post-transcriptional modifications of E-cadherin. <i>Human Molecular Genetics</i> , 2009, 18, 2599-2608.	2.9	100
9	Gastric cancer: adding glycosylation to the equation. <i>Trends in Molecular Medicine</i> , 2013, 19, 664-676.	6.7	95
10	Protein Glycosylation as a Diagnostic and Prognostic Marker of Chronic Inflammatory Gastrointestinal and Liver Diseases. <i>Gastroenterology</i> , 2020, 158, 95-110.	1.3	95
11	Loss and Recovery of Mgat3 and GnT-III Mediated E-cadherin N-glycosylation Is a Mechanism Involved in Epithelial-Mesenchymal-Epithelial Transitions. <i>PLoS ONE</i> , 2012, 7, e33191.	2.5	93
12	Molecular Carcinogenesis of Canine Mammary Tumors. <i>Veterinary Pathology</i> , 2011, 48, 98-116.	1.7	81
13	Metabolic control of T cell immune response through glycans in inflammatory bowel disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E4651-E4660.	7.1	77
14	Role of E-cadherin N-glycosylation profile in a mammary tumor model. <i>Biochemical and Biophysical Research Communications</i> , 2009, 379, 1091-1096.	2.1	67
15	Dysregulation of T cell receptor N-glycosylation: a molecular mechanism involved in ulcerative colitis. <i>Human Molecular Genetics</i> , 2014, 23, 2416-2427.	2.9	55
16	Pancreatic Cancer Cell Glycosylation Regulates Cell Adhesion and Invasion through the Modulation of $\alpha_5\beta_1$ Integrin and E-Cadherin Function. <i>PLoS ONE</i> , 2014, 9, e98595.	2.5	55
17	OXPHOS dysfunction regulates integrin- α_1 modifications and enhances cell motility and migration. <i>Human Molecular Genetics</i> , 2015, 24, 1977-1990.	2.9	35
18	O-mannosylation and N-glycosylation: two coordinated mechanisms regulating the tumour suppressor functions of E-cadherin in cancer. <i>Oncotarget</i> , 2016, 7, 65231-65246.	1.8	35

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19	Glycans as Immune Checkpoints: Removal of Branched N-glycans Enhances Immune Recognition Preventing Cancer Progression. <i>Cancer Immunology Research</i> , 2020, 8, 1407-1425.	3.4	33
20	Insulin/IGF-I Signaling Pathways Enhances Tumor Cell Invasion through Bisecting GlcNAc N-glycans Modulation. An Interplay with E-Cadherin. <i>PLoS ONE</i> , 2013, 8, e81579.	2.5	33
21	Cadherins Glycans in Cancer: Sweet Players in a Bitter Process. <i>Trends in Cancer</i> , 2016, 2, 519-531.	7.4	31
22	Sialyl Lewis x expression in canine malignant mammary tumours: correlation with clinicopathological features and E-Cadherin expression. <i>BMC Cancer</i> , 2007, 7, 124.	2.6	28
23	Glycans as critical regulators of gut immunity in homeostasis and disease. <i>Cellular Immunology</i> , 2018, 333, 9-18.	3.0	27
24	Altered IgG glycosylation at COVID-19 diagnosis predicts disease severity. <i>European Journal of Immunology</i> , 2022, 52, 946-957.	2.9	26
25	Glycans as Regulatory Elements of the Insulin/IGF System: Impact in Cancer Progression. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1921.	4.1	20
26	Genetic Variants of the MGAT5 Gene Are Functionally Implicated in the Modulation of T Cells Glycosylation and Plasma IgG Glycome Composition in Ulcerative Colitis. <i>Clinical and Translational Gastroenterology</i> , 2020, 11, e00166.	2.5	20
27	A [Glyco]biomarker that Predicts Failure to Standard Therapy in Ulcerative Colitis Patients. <i>Journal of Crohn's and Colitis</i> , 2019, 13, 39-49.	1.3	18
28	Neutralizing Anti-Granulocyte Macrophage-Colony Stimulating Factor Autoantibodies Recognize Post-Translational Glycosylations on Granulocyte Macrophage-Colony Stimulating Factor Years Before Diagnosis and Predict Complicated Crohn's Disease. <i>Gastroenterology</i> , 2022, 163, 659-670.	1.3	18
29	MUC1 expression in canine malignant mammary tumours and relationship to clinicopathological features. <i>Veterinary Journal</i> , 2009, 182, 491-493.	1.7	17
30	Protein Mannosylation as a Diagnostic and Prognostic Biomarker of Lupus Nephritis: An Unusual Glycan Neopeptide in Systemic Lupus Erythematosus. <i>Arthritis and Rheumatology</i> , 2021, 73, 2069-2077.	5.6	15
31	Molecular Plasticity of E-Cadherin and Sialyl Lewis X Expression, in Two Comparative Models of Mammary Tumorigenesis. <i>PLoS ONE</i> , 2009, 4, e6636.	2.5	15
32	Glycans as a key factor in self and nonself discrimination: impact on the breach of immune tolerance. <i>FEBS Letters</i> , 2022, 596, 1485-1502.	2.8	14
33	Glycans as shapers of tumour microenvironment: A sweet driver of T cell-mediated anti-tumour immune response. <i>Immunology</i> , 2023, 168, 217-232.	4.4	10
34	The Role of Glycosylation in Inflammatory Diseases. <i>Advances in Experimental Medicine and Biology</i> , 2021, 1325, 265-283.	1.6	5
35	SARS-CoV-2 Infection Drives a Glycan Switch of Peripheral T Cells at Diagnosis. <i>Journal of Immunology</i> , 2021, 207, 1591-1598.	0.8	4
36	Studying T Cells N-Glycosylation by Imaging Flow Cytometry. <i>Methods in Molecular Biology</i> , 2016, 1389, 167-176.	0.9	4

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37	Bringing to Light the Risk of Colorectal Cancer in Inflammatory Bowel Disease: Mucosal Glycosylation as a Key Player. Inflammatory Bowel Diseases, 2021, , .	1.9	3
38	E-cadherin Glycosylation in Cancer. , 2014, , 1-6.		1
39	The Role of Glycans in Chronic Inflammatory Gastrointestinal and Liver Disorders and Cancer. , 2021, , 444-470.		0
40	E-Cadherin Glycosylation in Cancer. , 2015, , 977-982.		0