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List of Publications by Year in descending order

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46
papers

1,448
citations

331670

21
h-index

330143

37
g-index

47
all docs

47
docs citations

47
times ranked

2234
citing authors

#	ARTICLE	IF	CITATIONS
1	Calculating Half Maximal Inhibitory Concentration (IC50) Values from Glycomics Microarray Data Using GraphPad Prism. <i>Methods in Molecular Biology</i> , 2022, 2460, 89-111.	0.9	8
2	Mucin Purification and Printing Natural Mucin Microarrays. <i>Methods in Molecular Biology</i> , 2022, 2460, 127-146.	0.9	1
3	Bacterial Staining and for Glycan Interactions on Glycan Microarrays for t-Test Calculation. <i>Methods in Molecular Biology</i> , 2022, 2460, 223-237.	0.9	0
4	Comparison of Single and Repeated Dosing of Anti-Inflammatory Human Umbilical Cord Mesenchymal Stromal Cells in a Mouse Model of Polymicrobial Sepsis. <i>Stem Cell Reviews and Reports</i> , 2022, 18, 1444-1460.	3.8	7
5	Neoglycoprotein and Glycoprotein Printing on a Hydrogel Functionalized Microarray Surface and Incubation with Labeled Lectins. <i>Methods in Molecular Biology</i> , 2022, 2460, 3-24.	0.9	0
6	Preparation and Fluorescent Labeling of Cell-Derived Micelles and on Glycan Microarrays. <i>Methods in Molecular Biology</i> , 2022, 2460, 239-248.	0.9	0
7	Sugar Coating: Utilisation of Host Serum Sialoglycoproteins by <i>Schistosoma mansoni</i> as a Potential Immune Evasion Mechanism. <i>Pathogens</i> , 2022, 11, 426.	2.8	3
8	Examination of oestrus-dependent alterations of bovine cervico-vaginal mucus glycosylation for potential as optimum fertilisation indicators. <i>Molecular Omics</i> , 2021, 17, 338-346.	2.8	1
9	Analysis of <i>Schistosoma mansoni</i> Extracellular Vesicles Surface Glycans Reveals Potential Immune Evasion Mechanism and New Insights on Their Origins of Biogenesis. <i>Pathogens</i> , 2021, 10, 1401.	2.8	8
10	<i>Fasciola hepatica</i> Extracellular Vesicles isolated from excretory-secretory products using a gravity flow method modulate dendritic cell phenotype and activity. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008626.	3.0	38
11	Advanced glycation end products as biomarkers in systemic diseases: premises and perspectives of salivary advanced glycation end products. <i>Biomarkers in Medicine</i> , 2019, 13, 479-495.	1.4	16
12	Interrogation of Milk-Driven Changes to the Proteome of Intestinal Epithelial Cells by Integrated Proteomics and Glycomics. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 1902-1917.	5.2	15
13	Surface molecules of extracellular vesicles secreted by the helminth pathogen <i>Fasciola hepatica</i> direct their internalisation by host cells. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007087.	3.0	88
14	Lectin microarray profiling and monosaccharide analysis of bovine milk immunoglobulin G oligosaccharides during the first 10 days of lactation. <i>Food Science and Nutrition</i> , 2019, 7, 1564-1572.	3.4	19
15	Advanced glycation end products (AGEs) in oral pathology. <i>Archives of Oral Biology</i> , 2018, 93, 22-30.	1.8	28
16	Urinary nanovesicles captured by lectins or antibodies demonstrate variations in size and surface glycosylation profile. <i>Nanomedicine</i> , 2017, 12, 1217-1229.	3.3	18
17	Rapid screening for specific glycosylation and pathogen interactions on a 78 species avian egg white glycoprotein microarray. <i>Scientific Reports</i> , 2017, 7, 6477.	3.3	6
18	Advances in analytical methodologies to guide bioprocess engineering for bio-therapeutics. <i>Methods</i> , 2017, 116, 63-83.	3.8	17

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19	Distinctive Surface Glycosylation Patterns Associated With Mouse and Human CD4+ Regulatory T Cells and Their Suppressive Function. <i>Frontiers in Immunology</i> , 2017, 8, 987.	4.8	34
20	Regulating Immunogenicity and Tolerogenicity of Bone Marrow-Derived Dendritic Cells through Modulation of Cell Surface Glycosylation by Dexamethasone Treatment. <i>Frontiers in Immunology</i> , 2017, 8, 1427.	4.8	10
21	<i>Fasciola hepatica</i> Surface Tegument: Glycoproteins at the Interface of Parasite and Host. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 3139-3153.	3.8	55
22	Temporal alterations in the bovine buttermilk glycome from parturition to milk maturation. <i>Food Chemistry</i> , 2016, 211, 329-338.	8.2	5
23	Getting to know the extracellular vesicle glycome. <i>Molecular BioSystems</i> , 2016, 12, 1071-1081.	2.9	78
24	Extracellular vesicles from <i>Paracoccidioides</i> pathogenic species transport polysaccharide and expose ligands for DC-SIGN receptors. <i>Scientific Reports</i> , 2015, 5, 14213.	3.3	66
25	Assessing Bacterial Interactions Using Carbohydrate-Based Microarrays. <i>Microarrays (Basel)</i> , Tj ETQq1 1 0.784314 rBT /Overlock 10 Tf	1.4	14
26	Microarray evaluation of the effects of lectin and glycoprotein orientation and data filtering on glycoform discrimination. <i>Analytical Methods</i> , 2014, 6, 440-449.	2.7	30
27	Cross-platform comparison of glycan microarray formats. <i>Glycobiology</i> , 2014, 24, 507-517.	2.5	114
28	<i>Campylobacter jejuni</i> strain discrimination and temperature-dependent glycome expression profiling by lectin microarray. <i>Carbohydrate Research</i> , 2014, 389, 123-133.	2.3	27
29	Profiling temporal changes in bovine milk lactoferrin glycosylation using lectin microarrays. <i>Food Chemistry</i> , 2014, 165, 388-396.	8.2	26
30	Divergent Mechanisms of Interaction of <i>Helicobacter pylori</i> and <i>Campylobacter jejuni</i> with Mucus and Mucins. <i>Infection and Immunity</i> , 2013, 81, 2838-2850.	2.2	65
31	Donor Bone Marrow-derived Dendritic Cells Prolong Corneal Allograft Survival and Promote an Intra-graft Immunoregulatory Milieu. <i>Molecular Therapy</i> , 2013, 21, 2102-2112.	8.2	13
32	Surface Glycosylation Profiles of Urine Extracellular Vesicles. <i>PLoS ONE</i> , 2013, 8, e74801.	2.5	90
33	Surface chemistry and linker effects on lectin-carbohydrate recognition for glycan microarrays. <i>Analytical Methods</i> , 2012, 4, 2721.	2.7	32
34	A Tight-Knit Group: Protein Glycosylation, Endoplasmic Reticulum Stress and the Unfolded Protein Response. , 2012, , 23-39.		4
35	Differential release of high mannose structural isoforms by fungal and bacterial endo- β -N-acetylglucosaminidases. <i>Molecular BioSystems</i> , 2012, 8, 1472.	2.9	13
36	Construction of a Natural Mucin Microarray and Interrogation for Biologically Relevant Glyco-Epitopes. <i>Analytical Chemistry</i> , 2012, 84, 3330-3338.	6.5	53

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37	Periodic acid-Schiff's reagent assay for carbohydrates in a microtiter plate format. <i>Analytical Biochemistry</i> , 2011, 416, 18-26.	2.4	64
38	Non-carbohydrate-Mediated Interaction of Lectins with Plant Proteins. <i>Advances in Experimental Medicine and Biology</i> , 2011, 705, 257-269.	1.6	18
39	Glycobiomimics and glycobiosensors. <i>Biochemical Society Transactions</i> , 2010, 38, 1333-1336.	3.4	28
40	Plant-Produced Biopharmaceuticals. , 2010, , 269-299.		3
41	Glyco-biosensors: Recent advances and applications for the detection of free and bound carbohydrates. <i>Analyst, The</i> , 2010, 135, 2471.	3.5	53
42	Partial Characterization of a Vicilin-Like Glycoprotein from Seeds of Flowering Tobacco (<i>Nicotiana glauca</i>)	1.2	4
43	O-glycosylation of protein subpopulations in alcohol-extracted rice proteins. <i>Journal of Plant Physiology</i> , 2009, 166, 219-232.	3.5	28
44	Label-Free Impedimetric Detection of Glycan-Lectin Interactions. <i>Analytical Chemistry</i> , 2007, 79, 6959-6964.	6.5	122
45	Sensitive and rapid electrochemical bioassay of glycosidase activity. <i>Analyst, The</i> , 2006, 131, 889.	3.5	2
46	Nanoparticle-Based Sensing of Glycan-Lectin Interactions. <i>Journal of the American Chemical Society</i> , 2006, 128, 10018-10019.	13.7	124