

Angelina de SÃ; Palma

List of Publications by Year in descending order

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47
papers

2,877
citations

257450

24
h-index

214800

47
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49
all docs

49
docs citations

49
times ranked

3971
citing authors

#	ARTICLE	IF	CITATIONS
1	Ligands for the Î ² -Glucan Receptor, Dectin-1, Assigned Using "Designer" Microarrays of Oligosaccharide Probes (Neoglycolipids) Generated from Glucan Polysaccharides. <i>Journal of Biological Chemistry</i> , 2006, 281, 5771-5779.	3.4	329
2	Receptor-binding specificity of pandemic influenza A (H1N1) 2009 virus determined by carbohydrate microarray. <i>Nature Biotechnology</i> , 2009, 27, 797-799.	17.5	299
3	Malectin: A Novel Carbohydrate-binding Protein of the Endoplasmic Reticulum and a Candidate Player in the Early Steps of Protein N-Glycosylation. <i>Molecular Biology of the Cell</i> , 2008, 19, 3404-3414.	2.1	263
4	Altered Receptor Specificity and Cell Tropism of D222G Hemagglutinin Mutants Isolated from Fatal Cases of Pandemic A(H1N1) 2009 Influenza Virus. <i>Journal of Virology</i> , 2010, 84, 12069-12074.	3.4	190
5	Protection by Anti-Î ² -Glucan Antibodies Is Associated with Restricted Î ² -1,3 Glucan Binding Specificity and Inhibition of Fungal Growth and Adherence. <i>PLoS ONE</i> , 2009, 4, e5392.	2.5	184
6	Structure-Function Analysis of the Human JC Polyomavirus Establishes the LSTc Pentasaccharide as a Functional Receptor Motif. <i>Cell Host and Microbe</i> , 2010, 8, 309-319.	11.0	167
7	Carbohydrate microarrays: key developments in glycobiology. <i>Biological Chemistry</i> , 2009, 390, 647-656.	2.5	120
8	The C-type Lectin Receptor CLECSF8 (CLEC4D) Is Expressed by Myeloid Cells and Triggers Cellular Activation through Syk Kinase. <i>Journal of Biological Chemistry</i> , 2012, 287, 25964-25974.	3.4	110
9	Members of a Novel Protein Family Containing Microneme Adhesive Repeat Domains Act as Sialic Acid-binding Lectins during Host Cell Invasion by Apicomplexan Parasites. <i>Journal of Biological Chemistry</i> , 2010, 285, 2064-2076.	3.4	90
10	The neoglycolipid (NGL)-based oligosaccharide microarray system poised to decipher the meta-glycome. <i>Current Opinion in Chemical Biology</i> , 2014, 18, 87-94.	6.1	79
11	Polysaccharide mimicry of the epitope of the broadly neutralizing anti-HIV antibody, 2G12, induces enhanced antibody responses to self oligomannose glycans. <i>Glycobiology</i> , 2010, 20, 812-823.	2.5	77
12	A Structure-Guided Mutation in the Major Capsid Protein Retargets BK Polyomavirus. <i>PLoS Pathogens</i> , 2013, 9, e1003688.	4.7	70
13	The minimum information required for a glycomics experiment (MIRAGE) project: improving the standards for reporting glycan microarray-based data. <i>Glycobiology</i> , 2017, 27, 280-284.	2.5	69
14	Neoglycolipid-Based Oligosaccharide Microarray System: Preparation of NGLs and Their Noncovalent Immobilization on Nitrocellulose-Coated Glass Slides for Microarray Analyses. <i>Methods in Molecular Biology</i> , 2012, 808, 117-136.	0.9	64
15	The Role of Sialyl Glycan Recognition in Host Tissue Tropism of the Avian Parasite <i>Eimeria tenella</i> . <i>PLoS Pathogens</i> , 2011, 7, e1002296.	4.7	58
16	Unravelling Glucan Recognition Systems by Glycome Microarrays Using the Designer Approach and Mass Spectrometry. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 974-988.	3.8	58
17	Single human B cell-derived monoclonal anti-Candida antibodies enhance phagocytosis and protect against disseminated candidiasis. <i>Nature Communications</i> , 2018, 9, 5288.	12.8	56
18	Mannan detecting C-type lectin receptor probes recognise immune epitopes with diverse chemical, spatial and phylogenetic heterogeneity in fungal cell walls. <i>PLoS Pathogens</i> , 2020, 16, e1007927.	4.7	52

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19	Carbohydrate Sequence of the Prostate Cancer-associated Antigen F77 Assigned by a Mucin O-Glycome Designer Array. <i>Journal of Biological Chemistry</i> , 2014, 289, 16462-16477.	3.4	51
20	Structural analysis and potential immunostimulatory activity of <i>Nannochloropsis oculata</i> polysaccharides. <i>Carbohydrate Polymers</i> , 2019, 222, 114962.	10.2	51
21	Structural Flexibility of the Macrophage Dengue Virus Receptor CLEC5A. <i>Journal of Biological Chemistry</i> , 2011, 286, 24208-24218.	3.4	48
22	Changes in the hemagglutinin of H5N1 viruses during human infection â€“ Influence on receptor binding. <i>Virology</i> , 2013, 447, 326-337.	2.4	34
23	Novel monoclonal antibody L2A5 specifically targeting sialyl-Tn and short glycans terminated by alpha-2â€™6 sialic acids. <i>Scientific Reports</i> , 2018, 8, 12196.	3.3	29
24	Microarray Strategies for Exploring Bacterial Surface Glycans and Their Interactions With Glycan-Binding Proteins. <i>Frontiers in Microbiology</i> , 2019, 10, 2909.	3.5	28
25	O-Glycome Beam Search Arrays for Carbohydrate Ligand Discovery. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 121-133.	3.8	23
26	The human epithelial carcinoma antigen recognized by monoclonal antibody AE3 is expressed on a sulfoglycolipid in addition to neoplastic mucins. <i>Biochemical and Biophysical Research Communications</i> , 2011, 408, 548-552.	2.1	22
27	Plant production of anti-Î²â€™1,3-glucan antibodies for immunotherapy of fungal infections in humans. <i>Plant Biotechnology Journal</i> , 2011, 9, 776-787.	8.3	22
28	Structures of B-Lymphotropic Polyomavirus VP1 in Complex with Oligosaccharide Ligands. <i>PLoS Pathogens</i> , 2013, 9, e1003714.	4.7	22
29	Chemoenzymatic Synthesis of <i>O</i> -Mannose Glycans Containing Sulfated or Nonsulfated HNK-1 Epitope. <i>Journal of the American Chemical Society</i> , 2019, 141, 19351-19359.	13.7	22
30	Expression and characterization of recombinant human Î²-3/4-fucosyltransferase III from <i>Spodoptera frugiperda</i> (Sf9) and <i>Trichoplusia ni</i> (Tn) cells using the baculovirus expression system. <i>Biochemical Journal</i> , 2001, 353, 719.	3.7	20
31	Establishment of a cell model of ALS disease: Golgi apparatus disruption occurs independently from apoptosis. <i>Biotechnology Letters</i> , 2008, 30, 603-610.	2.2	20
32	Conformational Analysis of the <i>Streptococcus pneumoniae</i> Hyaluronate Lyase and Characterization of Its Hyaluronan-specific Carbohydrate-binding Module. <i>Journal of Biological Chemistry</i> , 2014, 289, 27264-27277.	3.4	17
33	Generation and characterization of Î²-1,2-gluco-oligosaccharide probes from <i>Brucella abortus</i> cyclic Î²-glucan and their recognition by C-type lectins of the immune system. <i>Glycobiology</i> , 2016, 26, 1086-1096.	2.5	16
34	Proteomic analysis of plasma from Portuguese patients with familial amyotrophic lateral sclerosis. <i>Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders</i> , 2008, 9, 339-349.	2.1	15
35	A novel plant Î±-4-fucosyltransferase (<i>Vaccinium myrtillus</i> L.) synthesises the Lewis _x adhesion determinant. <i>FEBS Letters</i> , 2001, 499, 235-238.	2.8	14
36	<i>Helicobacter pylori</i> lipopolysaccharide structural domains and their recognition by immune proteins revealed with carbohydrate microarrays. <i>Carbohydrate Polymers</i> , 2021, 253, 117350.	10.2	14

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37	Effect of the manganese ion on human alpha3/4 fucosyltransferase III activity. <i>BioMetals</i> , 2004, 17, 35-43.	4.1	13
38	Localization, purification and specificity of the full-length membrane-bound form of human recombinant Î±1,3/4-fucosyltransferase from BHK-21B cells. <i>Biochemical Journal</i> , 2001, 357, 803.	3.7	10
39	Insights Into Glucan Polysaccharide Recognition Using Glucooligosaccharide Microarrays With Oxime-Linked Neoglycolipid Probes. <i>Methods in Enzymology</i> , 2018, 598, 139-167.	1.0	10
40	Multifaceted Approaches Including Neoglycolipid Oligosaccharide Microarrays to Ligand Discovery for Malectin. <i>Methods in Enzymology</i> , 2010, 478, 265-286.	1.0	9
41	Molecular basis for the preferential recognition of Î²1,3-Î±1,4-glucans by the family 11 carbohydrate-binding module from <i>Clostridium thermocellum</i> . <i>FEBS Journal</i> , 2020, 287, 2723-2743.	4.7	9
42	Neoglycolipid-Based "Designer" Oligosaccharide Microarrays to Define Î²-Glucan Ligands for Dectin-1. <i>Methods in Molecular Biology</i> , 2012, 808, 337-359.	0.9	8
43	The interactions of calreticulin with immunoglobulin G and immunoglobulin Y. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2011, 1814, 889-899.	2.3	7
44	Mapping Molecular Recognition of Î²1,3-1,4-Glucans by a Surface Glycan-Binding Protein from the Human Gut Symbiont <i>Bacteroides ovatus</i> . <i>Microbiology Spectrum</i> , 2021, 9, e0182621.	3.0	3
45	CarbArrayART: a new software tool for carbohydrate microarray data storage, processing, presentation, and reporting. <i>Glycobiology</i> , 2022, 32, 552-555.	2.5	3
46	Bacterial, Fungal, and Algal Lectins: Combatants in Tug of War against HIV. <i>Structure</i> , 2011, 19, 1035-1037.	3.3	1
47	Targeting protein-carbohydrate interactions in plant cell-wall biodegradation: the power of carbohydrate microarrays. <i>Carbohydrate Chemistry</i> , 2017, , 159-176.	0.3	0