

Angelina de SÃ; Palma

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/381650/publications.pdf>

Version: 2024-02-01

47
papers

2,877
citations

257450

24
h-index

214800

47
g-index

49
all docs

49
docs citations

49
times ranked

3971
citing authors

#	ARTICLE	IF	CITATIONS
1	CarbArrayART: a new software tool for carbohydrate microarray data storage, processing, presentation, and reporting. <i>Glycobiology</i> , 2022, 32, 552-555.	2.5	3
2	<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
3	Mapping Molecular Recognition of β 1,3-1,4-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
4	Molecular basis for the preferential recognition of β 1,3-1,4-glucans by the family 11 carbohydrate-binding module from <i>Clostridium thermocellum</i> . <i>FEBS Journal</i> , 2020, 287, 2723-2743.	4.7	9
5	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
6	Structural analysis and potential immunostimulatory activity of <i>Nannochloropsis oculata</i> polysaccharides. <i>Carbohydrate Polymers</i> , 2019, 222, 114962.	10.2	51
7	Chemoenzymatic Synthesis of α -Mannose Glycans Containing Sulfated or Nonsulfated HNK-1 Epitope. <i>Journal of the American Chemical Society</i> , 2019, 141, 19351-19359.	13.7	22
8	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
9	O-Glycome Beam Search Arrays for Carbohydrate Ligand Discovery. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 121-133.	3.8	23
10	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
11	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
12	Novel monoclonal antibody L2A5 specifically targeting sialyl-Tn and short glycans terminated by α -6 sialic acids. <i>Scientific Reports</i> , 2018, 8, 12196.	3.3	29
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	Targeting protein-carbohydrate interactions in plant cell-wall biodegradation: the power of carbohydrate microarrays. <i>Carbohydrate Chemistry</i> , 2017, , 159-176.	0.3	0
15	Generation and characterization of β 1,2-gluco-oligosaccharide probes from <i>Brucella abortus</i> cyclic β -glucan and their recognition by C-type lectins of the immune system. <i>Glycobiology</i> , 2016, 26, 1086-1096.	2.5	16
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	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
18	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

#	ARTICLE	IF	CITATIONS
19	Conformational Analysis of the Streptococcus pneumoniae Hyaluronate Lyase and Characterization of Its Hyaluronan-specific Carbohydrate-binding Module. <i>Journal of Biological Chemistry</i> , 2014, 289, 27264-27277.	3.4	17
20	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
21	A Structure-Guided Mutation in the Major Capsid Protein Retargets BK Polyomavirus. <i>PLoS Pathogens</i> , 2013, 9, e1003688.	4.7	70
22	Structures of B-Lymphotropic Polyomavirus VP1 in Complex with Oligosaccharide Ligands. <i>PLoS Pathogens</i> , 2013, 9, e1003714.	4.7	22
23	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
24	Neoglycolipid-Based â€œDesignerâ€•Oligosaccharide Microarrays to Define Î²-Glucan Ligands for Dectin-1. <i>Methods in Molecular Biology</i> , 2012, 808, 337-359.	0.9	8
25	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
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-Î²-glucan antibodies for immunotherapy of fungal infections in humans. <i>Plant Biotechnology Journal</i> , 2011, 9, 776-787.	8.3	22
28	Bacterial, Fungal, and Algal Lectins: Combatants in Tug of War against HIV. <i>Structure</i> , 2011, 19, 1035-1037.	3.3	1
29	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
30	Structural Flexibility of the Macrophage Dengue Virus Receptor CLEC5A. <i>Journal of Biological Chemistry</i> , 2011, 286, 24208-24218.	3.4	48
31	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
32	Multifaceted Approaches Including Neoglycolipid Oligosaccharide Microarrays to Ligand Discovery for Malectin. <i>Methods in Enzymology</i> , 2010, 478, 265-286.	1.0	9
33	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
34	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
35	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
36	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

#	ARTICLE	IF	CITATIONS
37	Protection by Anti-Î²-Glucan Antibodies Is Associated with Restricted Î²-1,3 Glucan Binding Specificity and Inhibition of Fungal Growth and Adherence. PLoS ONE, 2009, 4, e5392.	2.5	184
38	Receptor-binding specificity of pandemic influenza A (H1N1) 2009 virus determined by carbohydrate microarray. Nature Biotechnology, 2009, 27, 797-799.	17.5	299
39	Carbohydrate microarrays: key developments in glycobiology. Biological Chemistry, 2009, 390, 647-656.	2.5	120
40	Establishment of a cell model of ALS disease: Golgi apparatus disruption occurs independently from apoptosis. Biotechnology Letters, 2008, 30, 603-610.	2.2	20
41	Malectin: A Novel Carbohydrate-binding Protein of the Endoplasmic Reticulum and a Candidate Player in the Early Steps of Protein<i>N</i>-Glycosylation. Molecular Biology of the Cell, 2008, 19, 3404-3414.	2.1	263
42	Proteomic analysis of plasma from Portuguese patients with familial amyotrophic lateral sclerosis. Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders, 2008, 9, 339-349.	2.1	15
43	Ligands for the Î²-Glucan Receptor, Dectin-1, Assigned Using â€œDesignerâ€•Microarrays of Oligosaccharide Probes (Neoglycolipids) Generated from Glucan Polysaccharides. Journal of Biological Chemistry, 2006, 281, 5771-5779.	3.4	329
44	Effect of the manganese ion on human alpha3/4 fucosyltransferase III activity. BioMetals, 2004, 17, 35-43.	4.1	13
45	A novel plant Î±4-fucosyltransferase (Vaccinium myrtillus L.) synthesises the Lewis _x adhesion determinant. FEBS Letters, 2001, 499, 235-238.	2.8	14
46	Expression and characterization of recombinant human Î±3/4-fucosyltransferase III from Spodoptera frugiperda (Sf9) and Trichoplusia ni (Tn) cells using the baculovirus expression system. Biochemical Journal, 2001, 353, 719.	3.7	20
47	Localization, purification and specificity of the full-length membrane-bound form of human recombinant Î±1,3/4-fucosyltransferase from BHK-21B cells. Biochemical Journal, 2001, 357, 803.	3.7	10