

Jose Osvaldo Previato

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6813905/jose-osvaldo-previato-publications-by-year.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

98
papers

2,849
citations

32
h-index

48
g-index

103
ext. papers

3,204
ext. citations

4.1
avg, IF

4.35
L-index

#	Paper	IF	Citations
98	Resistance to cisplatin in human lung adenocarcinoma cells: effects on the glyco phenotype and epithelial to mesenchymal transition markers.. <i>Glycoconjugate Journal</i> , 2022 , 39, 247	3	2
97	-Sialidase as a Potential Vaccine Target Against Chagas Disease. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021 , 11, 768450	5.9	0
96	X-linked immunodeficient (XID) mice exhibit high susceptibility to <i>Cryptococcus gattii</i> infection. <i>Scientific Reports</i> , 2021 , 11, 18397	4.9	1
95	The role of Toll-like receptor 9 in a murine model of <i>Cryptococcus gattii</i> infection. <i>Scientific Reports</i> , 2021 , 11, 1407	4.9	4
94	Piperine Inhibits TGF- β Signaling Pathways and Disrupts EMT-Related Events in Human Lung Adenocarcinoma Cells. <i>Medicines (Basel, Switzerland)</i> , 2020 , 7,	4.1	14
93	Resistance to paclitaxel induces glyco phenotype changes and mesenchymal-to-epithelial transition activation in the human prostate cancer cell line PC-3. <i>Tumor Biology</i> , 2020 , 42, 1010428320957506	2.9	3
92	Theft and Reception of Host Cell's Sialic Acid: Dynamics of α -sialidases and Mucin-Like Molecules on Chagas Disease Immunomodulation. <i>Frontiers in Immunology</i> , 2019 , 10, 164	8.4	11
91	Characterization of the 6-O-acetylated lipoglucuronomannogalactan a novel <i>Cryptococcus neoformans</i> cell wall polysaccharide. <i>Carbohydrate Research</i> , 2019 , 475, 1-10	2.9	1
90	Immunomodulatory Role of Capsular Polysaccharides Constituents of. <i>Frontiers in Medicine</i> , 2019 , 6, 129	4.9	25
89	Functional Characterization of ABCC Proteins from and Their Involvement with Thiol Transport. <i>Frontiers in Microbiology</i> , 2018 , 9, 205	5.7	12
88	Involvement of the capsular GalXM-induced IL-17 cytokine in the control of <i>Cryptococcus neoformans</i> infection. <i>Scientific Reports</i> , 2018 , 8, 16378	4.9	8
87	Role of Inactive and Active α -sialidases on T Cell Homing and Secretion of Inflammatory Cytokines. <i>Frontiers in Microbiology</i> , 2017 , 8, 1307	5.7	8
86	Distribution of the O-acetyl groups and β -galactofuranose units in galactoxylomannans of the opportunistic fungus <i>Cryptococcus neoformans</i> . <i>Glycobiology</i> , 2017 , 27, 582-592	5.8	10
85	Expanding the knowledge of the chemical structure of glycoconjugates from <i>Trypanosoma cruzi</i> TcI genotype. Contribution to taxonomic studies. <i>Anais Da Academia Brasileira De Ciencias</i> , 2016 , 88, 1519-294	4	3
84	Modulation of Cell Sialoglyco phenotype: A Stylish Mechanism Adopted by <i>Trypanosoma cruzi</i> to Ensure Its Persistence in the Infected Host. <i>Frontiers in Microbiology</i> , 2016 , 7, 698	5.7	10
83	Glycosylation in Cancer: Interplay between Multidrug Resistance and Epithelial-to-Mesenchymal Transition?. <i>Frontiers in Oncology</i> , 2016 , 6, 158	5.3	28
82	The trans-sialidase, the major <i>Trypanosoma cruzi</i> virulence factor: Three decades of studies. <i>Glycobiology</i> , 2015 , 25, 1142-9	5.8	54

81	Capsular polysaccharides from <i>Cryptococcus neoformans</i> modulate production of neutrophil extracellular traps (NETs) by human neutrophils. <i>Scientific Reports</i> , 2015 , 5, 8008	4.9	72
80	Mannoprotein MP84 mediates the adhesion of <i>Cryptococcus neoformans</i> to epithelial lung cells. <i>Frontiers in Cellular and Infection Microbiology</i> , 2014 , 4, 106	5.9	27
79	Addition of β -D-GlcNAc to threonine residues define the post-translational modification of mucin-like molecules in <i>Trypanosoma cruzi</i> . <i>Glycoconjugate Journal</i> , 2013 , 30, 659-66	3	30
78	Further structural characterization of the <i>Echinococcus granulosus</i> laminated layer carbohydrates: the blood-antigen P1-motif gives rise to branches at different points of the O-glycan chains. <i>Glycobiology</i> , 2013 , 23, 438-52	5.8	18
77	Identification and functional analysis of <i>Trypanosoma cruzi</i> genes that encode proteins of the glycosylphosphatidylinositol biosynthetic pathway. <i>PLoS Neglected Tropical Diseases</i> , 2013 , 7, e2369	4.8	17
76	Draft Genome Sequence of the Rice Endophyte <i>Burkholderia kururiensis</i> M130. <i>Genome Announcements</i> , 2013 , 1, e0022512		9
75	Design, synthesis and trypanocidal evaluation of novel 1,2,4-triazoles-3-thiones derived from natural piperine. <i>Molecules</i> , 2013 , 18, 6366-82	4.8	34
74	Molecular and functional characterization of the ceramide synthase from <i>Trypanosoma cruzi</i> . <i>Molecular and Biochemical Parasitology</i> , 2012 , 182, 62-74	1.9	8
73	<i>Trypanosoma cruzi</i> adjuvants potentiate T cell-mediated immunity induced by a NY-ESO-1 based antitumor vaccine. <i>PLoS ONE</i> , 2012 , 7, e36245	3.7	16
72	Glycoinositolphospholipids from <i>Trypanosomatids</i> subvert nitric oxide production in <i>Rhodnius prolixus</i> salivary glands. <i>PLoS ONE</i> , 2012 , 7, e47285	3.7	22
71	Understanding the laminated layer of larval <i>Echinococcus</i> I: structure. <i>Trends in Parasitology</i> , 2011 , 27, 204-13	6.4	77
70	Overlooked post-translational modifications of proteins in <i>Plasmodium falciparum</i> : N- and O-glycosylation -- a review. <i>Memórias Do Instituto Oswaldo Cruz</i> , 2010 , 105, 949-56	2.6	28
69	Structural elucidation of the repeat unit in highly branched acidic exopolysaccharides produced by nitrogen fixing <i>Burkholderia</i> . <i>Glycobiology</i> , 2010 , 20, 338-47	5.8	28
68	A new class of mechanism-based inhibitors for <i>Trypanosoma cruzi</i> trans-sialidase and their influence on parasite virulence. <i>Glycobiology</i> , 2010 , 20, 1034-45	5.8	27
67	<i>Trypanosoma cruzi</i> subverts host cell sialylation and may compromise antigen-specific CD8+ T cell responses. <i>Journal of Biological Chemistry</i> , 2010 , 285, 13388-96	5.4	39
66	Alpha-N-acetylglucosamine-linked O-glycans of sialoglycoproteins (Tc-mucins) from <i>Trypanosoma cruzi</i> Colombian strain. <i>Memórias Do Instituto Oswaldo Cruz</i> , 2009 , 104 Suppl 1, 270-4	2.6	16
65	Sorting of phosphoglucomutase to glycosomes in <i>Trypanosoma cruzi</i> is mediated by an internal domain. <i>Glycobiology</i> , 2009 , 19, 1462-72	5.8	12
64	Molecular analysis of a UDP-GlcNAc:polypeptide alpha-N-acetylglucosaminyltransferase implicated in the initiation of mucin-type O-glycosylation in <i>Trypanosoma cruzi</i> . <i>Glycobiology</i> , 2009 , 19, 918-33	5.8	21

63	The major surface carbohydrates of the <i>Echinococcus granulosus</i> cyst: mucin-type O-glycans decorated by novel galactose-based structures. <i>Biochemistry</i> , 2009 , 48, 11678-91	3.2	26
62	Capsular polysaccharides galactoxylomannan and glucuronoxylomannan from <i>Cryptococcus neoformans</i> induce macrophage apoptosis mediated by Fas ligand. <i>Cellular Microbiology</i> , 2008 , 10, 1274-83	3.9	85
61	Characterization of two heparan sulphate-binding sites in the mycobacterial adhesin Hlp. <i>BMC Microbiology</i> , 2008 , 8, 75	4.5	7
60	Chemical Structure of Major Glycoconjugates from Parasites. <i>Current Organic Chemistry</i> , 2008 , 12, 926-937	4.7	25
59	Endophytic colonization of rice (<i>Oryza sativa</i> L.) by the diazotrophic bacterium <i>Burkholderia kururiensis</i> and its ability to enhance plant growth. <i>Anais Da Academia Brasileira De Ciencias</i> , 2008 , 80, 477-93	1.4	49
58	Endothelial cell signalling induced by trans-sialidase from <i>Trypanosoma cruzi</i> . <i>Cellular Microbiology</i> , 2008 , 10, 88-99	3.9	35
57	The toxic effects of piperine against <i>Trypanosoma cruzi</i> : ultrastructural alterations and reversible blockage of cytokinesis in epimastigote forms. <i>Parasitology Research</i> , 2008 , 102, 1059-67	2.4	28
56	Novel 1,3,4-thiadiazolium-2-phenylamine chlorides derived from natural piperine as trypanocidal agents: chemical and biological studies. <i>Bioorganic and Medicinal Chemistry</i> , 2008 , 16, 2984-91	3.4	25
55	Lithium-mediated suppression of morphogenesis and growth in <i>Candida albicans</i> . <i>FEMS Yeast Research</i> , 2008 , 8, 615-21	3.1	9
54	Overexpression of the aldose reductase GRE3 suppresses lithium-induced galactose toxicity in <i>Saccharomyces cerevisiae</i> . <i>FEMS Yeast Research</i> , 2008 , 8, 1245-53	3.1	14
53	Toll-like receptor 4 (TLR4)-dependent proinflammatory and immunomodulatory properties of the glycoinositolphospholipid (GIPL) from <i>Trypanosoma cruzi</i> . <i>Journal of Leukocyte Biology</i> , 2007 , 82, 488-96	6.5	28
52	Characterization of glycoinositolphosphoryl ceramide structure mutant strains of <i>Cryptococcus neoformans</i> . <i>Glycobiology</i> , 2007 , 17, 1-11C	5.8	20
51	Nitrogen-fixing bacterium <i>Burkholderia brasiliensis</i> produces a novel yersiniose A-containing O-polysaccharide. <i>Glycobiology</i> , 2005 , 15, 313-21	5.8	23
50	Characterization of the inositol phosphorylceramide synthase activity from <i>Trypanosoma cruzi</i> . <i>Biochemical Journal</i> , 2005 , 387, 519-29	3.8	31
49	Protozoan parasite-specific carbohydrate structures. <i>Current Opinion in Structural Biology</i> , 2005 , 15, 499-505	5.0	58
48	B cell response during infection with the MAT a and MAT alpha mating types of <i>Cryptococcus neoformans</i> . <i>Microbes and Infection</i> , 2005 , 7, 118-25	9.3	1
47	Cloning and characterization of the phosphoglucomutase of <i>Trypanosoma cruzi</i> and functional complementation of a <i>Saccharomyces cerevisiae</i> PGM null mutant. <i>Glycobiology</i> , 2005 , 15, 1359-67	5.8	8
46	Modulation of sodium pumps by steroidal saponins. <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2004 , 59, 432-6	1.7	6

45	Enzymatically inactive trans-sialidase from <i>Trypanosoma cruzi</i> binds sialyl and beta-galactopyranosyl residues in a sequential ordered mechanism. <i>Journal of Biological Chemistry</i> , 2004 , 279, 5323-8	5.4	49
44	Expression of functional TLR4 confers proinflammatory responsiveness to <i>Trypanosoma cruzi</i> glycoinositolphospholipids and higher resistance to infection with <i>T. cruzi</i> . <i>Journal of Immunology</i> , 2004 , 173, 5688-96	5.3	182
43	Toxic effects of natural piperine and its derivatives on epimastigotes and amastigotes of <i>Trypanosoma cruzi</i> . <i>Bioorganic and Medicinal Chemistry Letters</i> , 2004 , 14, 3555-8	2.9	50
42	Glycoinositolphospholipid from <i>Trypanosoma cruzi</i> : structure, biosynthesis and immunobiology. <i>Advances in Parasitology</i> , 2004 , 56, 1-41	3.2	62
41	Heterogeneity in the biosynthesis of mucin O-glycans from <i>Trypanosoma cruzi</i> tulahuén strain with the expression of novel galactofuranosyl-containing oligosaccharides. <i>Biochemistry</i> , 2004 , 43, 11889-97	3.2	50
40	A novel sialylated and galactofuranose-containing O-linked glycan, Neu5Acalpha2-->3Galpbeta1-->6(Galfbeta1-->4)GlcNAc, is expressed on the sialoglycoprotein of <i>Trypanosoma cruzi</i> Dm28c. <i>Molecular and Biochemical Parasitology</i> , 2003 , 126, 93-6	1.9	33
39	Effects of iron limitation on adherence and cell surface carbohydrates of <i>Corynebacterium diphtheriae</i> strains. <i>Applied and Environmental Microbiology</i> , 2003 , 69, 5907-13	4.8	52
38	Glycoinositol phospholipids from <i>Trypanosoma cruzi</i> transmit signals to the cells of the host immune system through both ceramide and glycan chains. <i>Microbes and Infection</i> , 2002 , 4, 1007-13	9.3	23
37	trans-Sialidase from <i>Trypanosoma cruzi</i> binds host T-lymphocytes in a lectin manner. <i>Journal of Biological Chemistry</i> , 2002 , 277, 45962-8	5.4	44
36	Proinflammatory and cytotoxic effects of hexadecylphosphocholine (miltefosine) against drug-resistant strains of <i>Trypanosoma cruzi</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2002 , 46, 3472-7	5.9	43
35	Costimulation of host T lymphocytes by a trypanosomal trans-sialidase: involvement of CD43 signaling. <i>Journal of Immunology</i> , 2002 , 168, 5192-8	5.3	62
34	Molecular analysis of a novel family of complex glycoinositolphosphoryl ceramides from <i>Cryptococcus neoformans</i> : structural differences between encapsulated and acapsular yeast forms. <i>Glycobiology</i> , 2002 , 12, 409-20	5.8	38
33	Structure of an acidic exopolysaccharide produced by the diazotrophic endophytic bacterium <i>Burkholderia brasiliensis</i> . <i>FEBS Journal</i> , 2001 , 268, 3174-9		23
32	Characterization of novel structures of mannosylinositolphosphorylceramides from the yeast forms of <i>Sporothrix schenckii</i> . <i>FEBS Journal</i> , 2001 , 268, 4243-50		24
31	Involvement of fungal cell wall components in adhesion of <i>Sporothrix schenckii</i> to human fibronectin. <i>Infection and Immunity</i> , 2001 , 69, 6874-80	3.7	39
30	Structure of O-glycosidically linked oligosaccharides from glycoproteins of <i>Trypanosoma cruzi</i> CL-Brener strain: evidence for the presence of O-linked sialyl-oligosaccharides. <i>Glycobiology</i> , 2001 , 11, 47-55	5.8	42
29	Isolation and characterization of the Golgi complex of the protozoan <i>Trypanosoma cruzi</i> . <i>Parasitology</i> , 2001 , 123, 33-43	2.7	19
28	NMR assignments for glucosylated and galactosylated N-acetylhexosaminidols: oligosaccharide alditols related to O-linked glycans from the protozoan parasite <i>Trypanosoma cruzi</i> . <i>Carbohydrate Research</i> , 2000 , 328, 321-30	2.9	7

27	The structure of a complex glycosylphosphatidyl inositol-anchored glucoxytan from the kinetoplastid protozoan <i>Leptomonas samueli</i> . <i>FEBS Journal</i> , 2000 , 267, 5387-96		4
26	Glycoinositolphospholipids from <i>Trypanosoma cruzi</i> induce B cell hyper-responsiveness in vivo. <i>Glycoconjugate Journal</i> , 2000 , 17, 727-34	3	5
25	Costimulatory action of glycoinositolphospholipids from <i>Trypanosoma cruzi</i> : increased interleukin 2 secretion and induction of nuclear translocation of the nuclear factor of activated T cells 1. <i>FASEB Journal</i> , 1999 , 13, 1627-36	0.9	14
24	Biosynthesis of O-N-acetylglucosamine-linked glycans in <i>Trypanosoma cruzi</i> . Characterization of the novel uridine diphospho-N-acetylglucosamine:polypeptide N-acetylglucosaminyltransferase-catalyzing formation of N-acetylglucosamine alpha 1->O-threonine. <i>Journal of Biological Chemistry</i> , 1998 , 273, 14982-8	5.4	63
23	<i>Leishmania adleri</i> , a lizard parasite, expresses structurally similar glycoinositolphospholipids to mammalian <i>Leishmania</i> . <i>Glycobiology</i> , 1997 , 7, 687-95	5.8	19
22	Structure of the repeating oligosaccharide from the lipopolysaccharide of the nitrogen-fixing bacterium <i>Acetobacter diazotrophicus</i> strain PAL 5. <i>Carbohydrate Research</i> , 1997 , 298, 311-8	2.9	7
21	Structural variation in the glycoinositolphospholipids of different strains of <i>Trypanosoma cruzi</i> . <i>Glycoconjugate Journal</i> , 1996 , 13, 955-66	3	57
20	High diversity in mucin genes and mucin molecules in <i>Trypanosoma cruzi</i> . <i>Journal of Biological Chemistry</i> , 1996 , 271, 32078-83	5.4	38
19	Structure of the N-linked oligosaccharide of the main diagnostic antigen of the pathogenic fungus <i>Paracoccidioides brasiliensis</i> . <i>Glycobiology</i> , 1996 , 6, 507-15	5.8	42
18	Chemical characterisation of glycosylinositolphospholipids of <i>Herpetomonas samuelpeessoai</i> . <i>Molecular and Biochemical Parasitology</i> , 1995 , 69, 81-92	1.9	20
17	Structural characterization of the major glycosylphosphatidylinositol membrane-anchored glycoprotein from epimastigote forms of <i>Trypanosoma cruzi</i> Y-strain. <i>Journal of Biological Chemistry</i> , 1995 , 270, 7241-50	5.4	117
16	Differentiation of capsular polysaccharides from <i>Acetobacter diazotrophicus</i> strains isolated from sugarcane. <i>Microbiology and Immunology</i> , 1995 , 39, 237-42	2.7	6
15	Novel antigenic determinants from peptidorhamnomannans of <i>Sporothrix schenckii</i> . <i>Glycobiology</i> , 1994 , 4, 281-8	5.8	35
14	Structural analysis of novel rhamnose-branched oligosaccharides from the glycoposphosphingolipids of <i>Leptomonas samueli</i> . <i>Glycoconjugate Journal</i> , 1994 , 11, 23-33	3	10
13	Structure determination of phosphoinositol oligosaccharides from parasitic protozoa using fast atom bombardment mass spectrometry. <i>Organic Mass Spectrometry</i> , 1994 , 29, 767-781		6
12	Structural features and antigenic properties of carbohydrate-containing components of <i>Trypanosoma conorhini</i> . <i>Molecular and Biochemical Parasitology</i> , 1987 , 26, 193-202	1.9	1
11	Characterization of dolichol monophosphate- and dolichol diphosphate-linked saccharides in trypanosomatid flagellates. <i>Molecular and Biochemical Parasitology</i> , 1986 , 18, 343-53	1.9	18
10	Incorporation of sialic acid into <i>Trypanosoma cruzi</i> macromolecules. A proposal for a new metabolic route. <i>Molecular and Biochemical Parasitology</i> , 1985 , 16, 85-96	1.9	166

9	Formation of (1→2)-Linked b-D-Mannopyranan by <i>Leishmania mexicana amazonensis</i> : Relationship with Certain <i>Crithidia</i> and <i>Herpetomonas</i> Species. <i>Journal of Parasitology</i> , 1984 , 70, 449	0.9	7
8	Chemical structure and antigenic aspects of complexes obtained from epimastigotes of <i>Trypanosoma cruzi</i> . <i>Biochemistry</i> , 1983 , 22, 4980-7	3.2	59
7	<i>Crithidia</i> spp.: structural comparison of polysaccharides for taxonomic significance. <i>Experimental Parasitology</i> , 1982 , 53, 170-8	2.1	24
6	Some structural features of polysaccharide components of the protozoan <i>Leishmania tarentolae</i> . <i>Carbohydrate Research</i> , 1981 , 97, 156-60	2.9	4
5	A novel β-(1→2)-linked D-mannopyranose from <i>Crithidia deanei</i> . <i>Carbohydrate Research</i> , 1979 , 70, 172-174.	0.9	12
4	Structure of the D-mannan and D-arabino-D-galactan in <i>Crithidia fasciculata</i> : changes in proportion with age of culture. <i>Journal of Protozoology</i> , 1979 , 26, 473-8		38
3	Cell wall composition in different cell types of the dimorphic species <i>Sporothrix schenckii</i> . <i>Experimental Mycology</i> , 1979 , 3, 83-91		21
2	Soluble and insoluble glucans from different cell types of the human pathogen <i>Sporothrix schenckii</i> . <i>Experimental Mycology</i> , 1979 , 3, 92-105		36
1	Thiol efflux mediated by an ABC-like transporter participates for <i>Trypanosoma cruzi</i> adaptation to environmental and chemotherapeutic stresses		1