

Juan Mucci

List of Publications by Year in descending order

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27
papers

1,359
citations

331670

21
h-index

526287

27
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all docs

27
docs citations

27
times ranked

2046
citing authors

#	ARTICLE	IF	CITATIONS
1	Trypanosoma cruzi Induces B Cells That Regulate the CD4+ T Cell Response. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 789373.	3.9	2
2	Parasite-host glycan interactions during Trypanosoma cruzi infection: trans-Sialidase rides the show. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165692.	3.8	29
3	Molecular and antigenic characterization of Trypanosoma cruzi ToIT proteins. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007245.	3.0	9
4	Metabolic Labeling of Surface Neo-sialylglyconjugates Catalyzed by Trypanosoma cruzi trans-Sialidase. <i>Methods in Molecular Biology</i> , 2019, 1955, 135-146.	0.9	4
5	Galectin-3 deficiency drives lupus-like disease by promoting spontaneous germinal centers formation via IFN- γ . <i>Nature Communications</i> , 2018, 9, 1628.	12.8	24
6	The Trypanosoma cruzi Surface, a Nanoscale Patchwork Quilt. <i>Trends in Parasitology</i> , 2017, 33, 102-112.	3.3	48
7	The Trypomastigote Small Surface Antigen (TSSA) regulates Trypanosoma cruzi infectivity and differentiation. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005856.	3.0	21
8	Next-generation ELISA diagnostic assay for Chagas Disease based on the combination of short peptidic epitopes. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005972.	3.0	31
9	Sialic Acid Glycobiology Unveils Trypanosoma cruzi Trypomastigote Membrane Physiology. <i>PLoS Pathogens</i> , 2016, 12, e1005559.	4.7	57
10	Trypanosoma cruzi trans -Sialidase Prevents Elicitation of Th1 Cell Response via Interleukin 10 and Downregulates Th1 Effector Cells. <i>Infection and Immunity</i> , 2015, 83, 2099-2108.	2.2	24
11	Towards High-throughput Immunomics for Infectious Diseases: Use of Next-generation Peptide Microarrays for Rapid Discovery and Mapping of Antigenic Determinants. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 1871-1884.	3.8	80
12	Rab11 Regulates Trafficking of Trans-sialidase to the Plasma Membrane through the Contractile Vacuole Complex of Trypanosoma cruzi. <i>PLoS Pathogens</i> , 2014, 10, e1004224.	4.7	20
13	Trypanosoma cruzi trans-sialidase initiates a program independent of the transcription factors ROR γ t and Ahr that leads to IL-17 production by activated B cells. <i>Nature Immunology</i> , 2013, 14, 514-522.	14.5	225
14	Trypanosoma cruzi trans-Sialidase in Complex with a Neutralizing Antibody: Structure/Function Studies towards the Rational Design of Inhibitors. <i>PLoS Pathogens</i> , 2012, 8, e1002474.	4.7	36
15	Molecular diversity of the <i>Trypanosoma cruzi</i> TcSMUG family of mucin genes and proteins. <i>Biochemical Journal</i> , 2011, 438, 303-313.	3.7	55
16	Galectin-8 provides costimulatory and proliferative signals to T lymphocytes. <i>Journal of Leukocyte Biology</i> , 2009, 86, 371-380.	3.3	64
17	Galectin-8 Induces Apoptosis in the CD4 ^{high} CD8 ^{high} Thymocyte Subpopulation. <i>Glycobiology</i> , 2007, 17, 1404-1412.	2.5	70
18	A B lymphocyte mitogen is a Brucella abortus virulence factor required for persistent infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 16514-16519.	7.1	69

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19	The trans-sialidase from <i>Trypanosoma cruzi</i> triggers apoptosis by target cell sialylation. <i>Cellular Microbiology</i> , 2006, 8, 1086-1095.	2.1	76
20	A <i>Trypanosoma cruzi</i> antigen signals CD11b+ cells to secrete cytokines that promote polyclonal B cell proliferation and differentiation into antibody-secreting cells. <i>European Journal of Immunology</i> , 2006, 36, 1474-1485.	2.9	38
21	The trans-Sialidase from <i>Trypanosoma cruzi</i> Induces Thrombocytopenia during Acute Chagas' Disease by Reducing the Platelet Sialic Acid Contents. <i>Infection and Immunity</i> , 2005, 73, 201-207.	2.2	94
22	A Sexual Dimorphism in Intrathymic Sialylation Survey Is Revealed by the trans-Sialidase from <i>Trypanosoma cruzi</i> . <i>Journal of Immunology</i> , 2005, 174, 4545-4550.	0.8	39
23	Characterization of a lysosomal serine carboxypeptidase from <i>Trypanosoma cruzi</i> . <i>Molecular and Biochemical Parasitology</i> , 2003, 131, 11-23.	1.1	51
24	Thymocyte depletion in <i>Trypanosoma cruzi</i> infection is mediated by trans-sialidase-induced apoptosis on nurse cells complex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 3896-3901.	7.1	102
25	A Functional Network of Intramolecular Cross-Reacting Epitopes Delays the Elicitation of Neutralizing Antibodies to <i>Trypanosoma cruzi</i> trans-Sialidase. <i>Journal of Infectious Diseases</i> , 2002, 186, 397-404.	4.0	43
26	Epitope Mapping of trans-Sialidase from <i>Trypanosoma cruzi</i> Reveals the Presence of Several Cross-Reactive Determinants. <i>Infection and Immunity</i> , 2001, 69, 1869-1875.	2.2	35
27	±-Difluoromethylornithine-resistant cell lines obtained after one-step selection of <i>Leishmania mexicana</i> promastigote cultures. <i>Biochemical Journal</i> , 1997, 324, 847-853.	3.7	13