

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
g-index

27
all docs

27
docs citations

27
times ranked

2046
citing authors

#	ARTICLE	IF	CITATIONS
1	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. Nature Immunology, 2013, 14, 514-522.	14.5	225
2	Thymocyte depletion in Trypanosoma cruzi infection is mediated by trans-sialidase-induced apoptosis on nurse cells complex. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 3896-3901.	7.1	102
3	The trans-Sialidase from Trypanosoma cruzi Induces Thrombocytopenia during Acute Chagas' Disease by Reducing the Platelet Sialic Acid Contents. Infection and Immunity, 2005, 73, 201-207.	2.2	94
4	Towards High-throughput Immunomics for Infectious Diseases: Use of Next-generation Peptide Microarrays for Rapid Discovery and Mapping of Antigenic Determinants. Molecular and Cellular Proteomics, 2015, 14, 1871-1884.	3.8	80
5	The trans-sialidase from Trypanosoma cruzi triggers apoptosis by target cell sialylation. Cellular Microbiology, 2006, 8, 1086-1095.	2.1	76
6	Galectin-8 Induces Apoptosis in the CD4 ^{high} CD8 ^{high} Thymocyte Subpopulation. Glycobiology, 2007, 17, 1404-1412.	2.5	70
7	A B lymphocyte mitogen is a Brucella abortus virulence factor required for persistent infection. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16514-16519.	7.1	69
8	Galectin-8 provides costimulatory and proliferative signals to T lymphocytes. Journal of Leukocyte Biology, 2009, 86, 371-380.	3.3	64
9	Sialic Acid Glycobiology Unveils Trypanosoma cruzi Trypomastigote Membrane Physiology. PLoS Pathogens, 2016, 12, e1005559.	4.7	57
10	Molecular diversity of the Trypanosoma cruzi TcSMUG family of mucin genes and proteins. Biochemical Journal, 2011, 438, 303-313.	3.7	55
11	Characterization of a lysosomal serine carboxypeptidase from Trypanosoma cruzi. Molecular and Biochemical Parasitology, 2003, 131, 11-23.	1.1	51
12	The Trypanosoma cruzi Surface, a Nanoscale Patchwork Quilt. Trends in Parasitology, 2017, 33, 102-112.	3.3	48
13	A Functional Network of Intramolecular Cross-Reacting Epitopes Delays the Elicitation of Neutralizing Antibodies to Trypanosoma cruzi trans-Sialidase. Journal of Infectious Diseases, 2002, 186, 397-404.	4.0	43
14	A Sexual Dimorphism in Intrathymic Sialylation Survey Is Revealed by the trans-Sialidase from Trypanosoma cruzi. Journal of Immunology, 2005, 174, 4545-4550.	0.8	39
15	A Trypanosoma cruzi antigen signals CD11b ⁺ cells to secrete cytokines that promote polyclonal B cell proliferation and differentiation into antibody-secreting cells. European Journal of Immunology, 2006, 36, 1474-1485.	2.9	38
16	Trypanosoma cruzi trans-Sialidase in Complex with a Neutralizing Antibody: Structure/Function Studies towards the Rational Design of Inhibitors. PLoS Pathogens, 2012, 8, e1002474.	4.7	36
17	Epitope Mapping of trans-Sialidase from Trypanosoma cruzi Reveals the Presence of Several Cross-Reactive Determinants. Infection and Immunity, 2001, 69, 1869-1875.	2.2	35
18	Next-generation ELISA diagnostic assay for Chagas Disease based on the combination of short peptidic epitopes. PLoS Neglected Tropical Diseases, 2017, 11, e0005972.	3.0	31

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19	Parasite-host glycan interactions during <i>Trypanosoma cruzi</i> infection: trans-Sialidase rides the show. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165692.	3.8	29
20	<i>Trypanosoma cruzi</i> 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
21	Galectin-3 deficiency drives lupus-like disease by promoting spontaneous germinal centers formation via IFN- β . <i>Nature Communications</i> , 2018, 9, 1628.	12.8	24
22	The Trypomastigote Small Surface Antigen (TSSA) regulates <i>Trypanosoma cruzi</i> infectivity and differentiation. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005856.	3.0	21
23	Rab11 Regulates Trafficking of Trans-sialidase to the Plasma Membrane through the Contractile Vacuole Complex of <i>Trypanosoma cruzi</i> . <i>PLoS Pathogens</i> , 2014, 10, e1004224.	4.7	20
24	β -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
25	Molecular and antigenic characterization of <i>Trypanosoma cruzi</i> ToIT proteins. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007245.	3.0	9
26	Metabolic Labeling of Surface Neo-sialylglyconjugates Catalyzed by <i>Trypanosoma cruzi</i> trans-Sialidase. <i>Methods in Molecular Biology</i> , 2019, 1955, 135-146.	0.9	4
27	<i>Trypanosoma cruzi</i> Induces B Cells That Regulate the CD4+ T Cell Response. <i>Frontiers in Cellular and Infection Microbiology</i> , 2021, 11, 789373.	3.9	2