

# Mauro Cortez

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/735078/mauro-cortez-publications-by-citations.pdf>

**Version:** 2024-04-29

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.

37  
papers

967  
citations

17  
h-index

30  
g-index

39  
ext. papers

1,115  
ext. citations

6.1  
avg, IF

3.97  
L-index

#	Paper	IF	Citations
37	Trypanosoma cruzi subverts the sphingomyelinase-mediated plasma membrane repair pathway for cell invasion. <i>Journal of Experimental Medicine</i> , <b>2011</b> , 208, 909-21	16.6	106
36	Caveolae internalization repairs wounded cells and muscle fibers. <i>ELife</i> , <b>2013</b> , 2, e00926	8.9	99
35	Iron uptake controls the generation of Leishmania infective forms through regulation of ROS levels. <i>Journal of Experimental Medicine</i> , <b>2013</b> , 210, 401-16	16.6	95
34	Trypanosoma cruzi: parasite and host cell signaling during the invasion process. <i>Sub-Cellular Biochemistry</i> , <b>2008</b> , 47, 82-91	5.5	64
33	Novel strategy in Trypanosoma cruzi cell invasion: implication of cholesterol and host cell microdomains. <i>International Journal for Parasitology</i> , <b>2007</b> , 37, 1431-41	4.3	62
32	Involvement of Trypanosoma cruzi metacyclic trypomastigote surface molecule gp82 in adhesion to gastric mucin and invasion of epithelial cells. <i>Infection and Immunity</i> , <b>2003</b> , 71, 557-61	3.7	60
31	Actin cytoskeleton-dependent and -independent host cell invasion by Trypanosoma cruzi is mediated by distinct parasite surface molecules. <i>Infection and Immunity</i> , <b>2006</b> , 74, 5522-8	3.7	49
30	Trypanosoma cruzi surface molecule gp90 downregulates invasion of gastric mucosal epithelium in orally infected mice. <i>Microbes and Infection</i> , <b>2006</b> , 8, 36-44	9.3	41
29	Leishmania promotes its own virulence by inducing expression of the host immune inhibitory ligand CD200. <i>Cell Host and Microbe</i> , <b>2011</b> , 9, 463-71	23.4	40
28	Interaction with host factors exacerbates Trypanosoma cruzi cell invasion capacity upon oral infection. <i>International Journal for Parasitology</i> , <b>2007</b> , 37, 1609-16	4.3	40
27	Host cell invasion mediated by Trypanosoma cruzi surface molecule gp82 is associated with F-actin disassembly and is inhibited by enteroinvasive Escherichia coli. <i>Microbes and Infection</i> , <b>2006</b> , 8, 1502-12	9.3	38
26	Infection by Trypanosoma cruzi metacyclic forms deficient in gp82 but expressing a related surface molecule, gp30. <i>Infection and Immunity</i> , <b>2003</b> , 71, 6184-91	3.7	38
25	Calcineurin B of the human protozoan parasite Trypanosoma cruzi is involved in cell invasion. <i>Microbes and Infection</i> , <b>2008</b> , 10, 892-900	9.3	27
24	A recombinant protein based on Trypanosoma cruzi surface molecule gp82 induces apoptotic cell death in melanoma cells. <i>Melanoma Research</i> , <b>2008</b> , 18, 172-83	3.3	23
23	Molecular basis of non-virulence of Trypanosoma cruzi clone CL-14. <i>International Journal for Parasitology</i> , <b>2004</b> , 34, 851-60	4.3	23
22	TLR9/MyD88/TRIF signaling activates host immune inhibitory CD200 in Leishmania infection. <i>JCI Insight</i> , <b>2019</b> , 4,	9.9	19
21	Nitric oxide-loaded chitosan nanoparticles as an innovative antileishmanial platform. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2019</b> , 93, 25-33	5	18

20	The glutamine synthetase of <i>Trypanosoma cruzi</i> is required for its resistance to ammonium accumulation and evasion of the parasitophorous vacuole during host-cell infection. <i>PLoS Neglected Tropical Diseases</i> , <b>2018</b> , 12, e0006170	4.8	16
19	Unique behavior of <i>Trypanosoma dionisii</i> interacting with mammalian cells: invasion, intracellular growth, and nuclear localization. <i>Acta Tropica</i> , <b>2009</b> , 110, 65-74	3.2	15
18	Short communication: Activity of nisin, lipid bilayer fragments and cationic nisin-lipid nanoparticles against multidrug-resistant <i>Staphylococcus</i> spp. isolated from bovine mastitis. <i>Journal of Dairy Science</i> , <b>2019</b> , 102, 678-683	4	13
17	A cytoplasmic new catalytic subunit of calcineurin in <i>Trypanosoma cruzi</i> and its molecular and functional characterization. <i>PLoS Neglected Tropical Diseases</i> , <b>2014</b> , 8, e2676	4.8	11
16	Expression and cellular localization of molecules of the gp82 family in <i>Trypanosoma cruzi</i> metacyclic trypomastigotes. <i>Infection and Immunity</i> , <b>2007</b> , 75, 3264-70	3.7	10
15	Sugar-based colloidal nanocarriers for topical meglumine antimoniate application to cutaneous leishmaniasis treatment: Ex vivo cutaneous retention and in vivo evaluation. <i>European Journal of Pharmaceutical Sciences</i> , <b>2020</b> , 147, 105295	5.1	9
14	Preclinical Investigation of Methylene Blue-mediated Antimicrobial Photodynamic Therapy on Leishmania Parasites Using Real-Time Bioluminescence. <i>Photochemistry and Photobiology</i> , <b>2020</b> , 96, 604-610	3.6	7
13	Co-infection with <i>Trypanosoma cruzi</i> protects mice against early death by neurological or pulmonary disorders induced by <i>Plasmodium berghei</i> ANKA. <i>Malaria Journal</i> , <b>2007</b> , 6, 90	3.6	6
12	Protein glycosylation in spp. <i>Molecular Omics</i> , <b>2020</b> , 16, 407-424	4.4	6
11	Activity of Silver Nanoparticles Against Infection in. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 582107	5.7	6
10	CD100/Sema4D Increases Macrophage Infection by in a CD72 Dependent Manner. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 1177	5.7	5
9	The intracellular bacterium <i>Rickettsia rickettsii</i> exerts an inhibitory effect on the apoptosis of tick cells. <i>Parasites and Vectors</i> , <b>2020</b> , 13, 603	4	4
8	Extracellular Vesicles during TriTryps infection: Complexity and future challenges. <i>Molecular Immunology</i> , <b>2021</b> , 132, 172-183	4.3	4
7	Targeting a cell surface vitamin D receptor on tumor-associated macrophages in triple-negative breast cancer. <i>ELife</i> , <b>2021</b> , 10,	8.9	4
6	Microwave-assisted synthesis of 2-styrylquinoline-4-carboxylic acid derivatives to improve the toxic effect against <i>Leishmania (Leishmania) amazonensis</i> . <i>Journal of Heterocyclic Chemistry</i> , <b>2021</b> , 58, 822-832	1.9	3
5	Abnormal sterol-induced cell wall glucan deficiency in yeast is due to impaired glucan synthase transport to the plasma membrane. <i>Biochemical Journal</i> , <b>2020</b> ,	3.8	2
4	Effect of DODAB Nano-Sized Cationic Bilayer Fragments against. <i>Molecules</i> , <b>2020</b> , 25,	4.8	2
3	Iron uptake controls the generation of <i>Leishmania</i> infective forms through regulation of ROS levels. <i>Journal of General Physiology</i> , <b>2013</b> , 141, i7-i7	3.4	1

2	In Silico Characterization of Calcineurin from Pathogenic Obligate Intracellular Trypanosomatids: Potential New Biological Roles. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	1
1	Trypanosoma cruzi subverts the sphingomyelinase-mediated plasma membrane repair pathway for cell invasion. <i>Journal of Cell Biology</i> , <b>2011</b> , 193, i9-i9	7.3	