

# Mauro Cortez

## List of Publications by Year in Descending Order

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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	Extracellular Vesicles during TriTryps infection: Complexity and future challenges. <i>Molecular Immunology</i> , <b>2021</b> , 132, 172-183	4.3	4
36	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
35	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
34	In Silico Characterization of Calcineurin from Pathogenic Obligate Intracellular Trypanosomatids: Potential New Biological Roles. <i>Biomolecules</i> , <b>2021</b> , 11,	5.9	1
33	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
32	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
31	Preclinical Investigation of Methylene Blue-mediated Antimicrobial Photodynamic Therapy on <i>Leishmania</i> Parasites Using Real-Time Bioluminescence. <i>Photochemistry and Photobiology</i> , <b>2020</b> , 96, 604-610	3.6	7
30	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
29	Protein glycosylation in spp. <i>Molecular Omics</i> , <b>2020</b> , 16, 407-424	4.4	6
28	Activity of Silver Nanoparticles Against Infection in. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 582107	5.7	6
27	Effect of DODAB Nano-Sized Cationic Bilayer Fragments against. <i>Molecules</i> , <b>2020</b> , 25,	4.8	2
26	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
25	TLR9/MyD88/TRIF signaling activates host immune inhibitory CD200 in <i>Leishmania</i> infection. <i>JCI Insight</i> , <b>2019</b> , 4,	9.9	19
24	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
23	CD100/Sema4D Increases Macrophage Infection by in a CD72 Dependent Manner. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 1177	5.7	5
22	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
21	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

20	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
19	Caveolae internalization repairs wounded cells and muscle fibers. <i>ELife</i> , <b>2013</b> , 2, e00926	8.9	99
18	Iron uptake controls the generation of Leishmania infective forms through regulation of ROS levels. <i>Journal of General Physiology</i> , <b>2013</b> , 141, i7-i7	3.4	1
17	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
16	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
15	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	
14	Unique behavior of Trypanosoma dionisii interacting with mammalian cells: invasion, intracellular growth, and nuclear localization. <i>Acta Tropica</i> , <b>2009</b> , 110, 65-74	3.2	15
13	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
12	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
11	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
10	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
9	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
8	Expression and cellular localization of molecules of the gp82 family in Trypanosoma cruzi metacyclic trypomastigotes. <i>Infection and Immunity</i> , <b>2007</b> , 75, 3264-70	3.7	10
7	Co-infection with Trypanosoma cruzi protects mice against early death by neurological or pulmonary disorders induced by Plasmodium berghei ANKA. <i>Malaria Journal</i> , <b>2007</b> , 6, 90	3.6	6
6	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
5	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
4	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
3	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

2	Infection by <i>Trypanosoma cruzi</i> 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
1	Involvement of <i>Trypanosoma cruzi</i> 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