

Mauro Cortez

List of Publications by Year in descending order

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37
papers

1,239
citations

394390

19
h-index

377849

34
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39
all docs

39
docs citations

39
times ranked

1549
citing authors

#	ARTICLE	IF	CITATIONS
1	Caveolae internalization repairs wounded cells and muscle fibers. <i>ELife</i> , 2013, 2, e00926.	6.0	125
2	<i>Trypanosoma cruzi</i> subverts the sphingomyelinase-mediated plasma membrane repair pathway for cell invasion. <i>Journal of Experimental Medicine</i> , 2011, 208, 909-921.	8.5	123
3	Iron uptake controls the generation of <i>Leishmania</i> infective forms through regulation of ROS levels. <i>Journal of Experimental Medicine</i> , 2013, 210, 401-416.	8.5	114
4	<i>Trypanosoma cruzi</i> : Parasite and Host Cell Signaling during the Invasion Process. <i>Sub-Cellular Biochemistry</i> , 2008, 47, 82-91.	2.4	73
5	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> , 2003, 71, 557-561.	2.2	67
6	Novel strategy in <i>Trypanosoma cruzi</i> cell invasion: Implication of cholesterol and host cell microdomains. <i>International Journal for Parasitology</i> , 2007, 37, 1431-1441.	3.1	65
7	<i>Leishmania</i> Promotes Its Own Virulence by Inducing Expression of the Host Immune Inhibitory Ligand CD200. <i>Cell Host and Microbe</i> , 2011, 9, 463-471.	11.0	62
8	Actin Cytoskeleton-Dependent and -Independent Host Cell Invasion by <i>Trypanosoma cruzi</i> Is Mediated by Distinct Parasite Surface Molecules. <i>Infection and Immunity</i> , 2006, 74, 5522-5528.	2.2	53
9	<i>Trypanosoma cruzi</i> surface molecule gp90 downregulates invasion of gastric mucosal epithelium in orally infected mice. <i>Microbes and Infection</i> , 2006, 8, 36-44.	1.9	50
10	Interaction with host factors exacerbates <i>Trypanosoma cruzi</i> cell invasion capacity upon oral infection. <i>International Journal for Parasitology</i> , 2007, 37, 1609-1616.	3.1	47
11	Host cell invasion mediated by <i>Trypanosoma cruzi</i> surface molecule gp82 is associated with F-actin disassembly and is inhibited by enteroinvasive <i>Escherichia coli</i> . <i>Microbes and Infection</i> , 2006, 8, 1502-1512.	1.9	44
12	Infection by <i>Trypanosoma cruzi</i> Metacyclic Forms Deficient in gp82 but Expressing a Related Surface Molecule, gp30. <i>Infection and Immunity</i> , 2003, 71, 6184-6191.	2.2	43
13	A recombinant protein based on <i>Trypanosoma cruzi</i> surface molecule gp82 induces apoptotic cell death in melanoma cells. <i>Melanoma Research</i> , 2008, 18, 172-183.	1.2	38
14	Calcineurin B of the human protozoan parasite <i>Trypanosoma cruzi</i> is involved in cell invasion. <i>Microbes and Infection</i> , 2008, 10, 892-900.	1.9	31
15	TLR9/MyD88/TRIF signaling activates host immune inhibitory CD200 in <i>Leishmania</i> infection. <i>JCI Insight</i> , 2019, 4, .	5.0	31
16	Nitric oxide-loaded chitosan nanoparticles as an innovative antileishmanial platform. <i>Nitric Oxide - Biology and Chemistry</i> , 2019, 93, 25-33.	2.7	30
17	Molecular basis of non-virulence of <i>Trypanosoma cruzi</i> clone CL-14. <i>International Journal for Parasitology</i> , 2004, 34, 851-860.	3.1	24
18	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> , 2018, 12, e0006170.	3.0	24

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19	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> , 2019, 102, 678-683.	3.4	21
20	Targeting a cell surface vitamin D receptor on tumor-associated macrophages in triple-negative breast cancer. <i>ELife</i> , 2021, 10, .	6.0	18
21	Unique behavior of <i>Trypanosoma dionisii</i> interacting with mammalian cells: Invasion, intracellular growth, and nuclear localization. <i>Acta Tropica</i> , 2009, 110, 65-74.	2.0	17
22	Preclinical Investigation of Methylene Blue-mediated Antimicrobial Photodynamic Therapy on <i>Leishmania</i> Parasites Using Real-Time Bioluminescence. <i>Photochemistry and Photobiology</i> , 2020, 96, 604-610.	2.5	17
23	Protein glycosylation in <i>Leishmania</i> spp.. <i>Molecular Omics</i> , 2020, 16, 407-424.	2.8	17
24	In vivo Activity of Silver Nanoparticles Against <i>Pseudomonas aeruginosa</i> Infection in <i>Galleria mellonella</i> . <i>Frontiers in Microbiology</i> , 2020, 11, 582107.	3.5	15
25	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> , 2020, 147, 105295.	4.0	13
26	Extracellular Vesicles during TriTryps infection: Complexity and future challenges. <i>Molecular Immunology</i> , 2021, 132, 172-183.	2.2	13
27	A Cytoplasmic New Catalytic Subunit of Calcineurin in <i>Trypanosoma cruzi</i> and Its Molecular and Functional Characterization. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2676.	3.0	12
28	The intracellular bacterium <i>Rickettsia rickettsii</i> exerts an inhibitory effect on the apoptosis of tick cells. <i>Parasites and Vectors</i> , 2020, 13, 603.	2.5	11
29	Expression and Cellular Localization of Molecules of the gp82 Family in <i>Trypanosoma cruzi</i> Metacyclic Trypomastigotes. <i>Infection and Immunity</i> , 2007, 75, 3264-3270.	2.2	10
30	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> , 2007, 6, 90.	2.3	8
31	CD100/Sema4D Increases Macrophage Infection by <i>Leishmania (Leishmania) amazonensis</i> in a CD72 Dependent Manner. <i>Frontiers in Microbiology</i> , 2018, 9, 1177.	3.5	8
32	Microwave-assisted synthesis of 2-ethylquinoline-4-carboxylic acid derivatives to improve the toxic effect against <i>Leishmania (Leishmania) amazonensis</i> . <i>Journal of Heterocyclic Chemistry</i> , 2021, 58, 822-832.	2.6	7
33	Effect of DODAB Nano-Sized Cationic Bilayer Fragments against <i>Leishmania amazonensis</i> . <i>Molecules</i> , 2020, 25, 5741.	3.8	4
34	Abnormal sterol-induced cell wall glucan deficiency in yeast is due to impaired glucan synthase transport to the plasma membrane. <i>Biochemical Journal</i> , 2020, 477, 4729-4744.	3.7	2
35	In Silico Characterization of Calcineurin from Pathogenic Obligate Intracellular Trypanosomatids: Potential New Biological Roles. <i>Biomolecules</i> , 2021, 11, 1322.	4.0	1
36	Iron uptake controls the generation of <i>Leishmania</i> infective forms through regulation of ROS levels. <i>Journal of General Physiology</i> , 2013, 141, i7-i7.	1.9	1

#	ARTICLE	IF	CITATIONS
37	Trypanosoma cruzi subverts the sphingomyelinase-mediated plasma membrane repair pathway for cell invasion. <i>Journal of Cell Biology</i> , 2011, 193, i9-i9.	5.2	0