

Gaspar E Canepa

List of Publications by Year in descending order

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34
papers

1,063
citations

394390

19
h-index

434170

31
g-index

34
all docs

34
docs citations

34
times ranked

1319
citing authors

#	ARTICLE	IF	CITATIONS
1	<i>Plasmodium falciparum</i> evades mosquito immunity by disrupting JNK-mediated apoptosis of invaded midgut cells. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 1273-1280.	7.1	107
2	<i>Plasmodium</i> evasion of mosquito immunity and global malaria transmission: The lock-and-key theory. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15178-15183.	7.1	106
3	Effect of naturally occurring <i>Wolbachia</i> in <i>Anopheles gambiae</i> s.l. mosquitoes from Mali on <i>Plasmodium falciparum</i> malaria transmission. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 12566-12571.	7.1	85
4	Molecular and functional characterization of a spermidine transporter (TcPAT12) from <i>Trypanosoma cruzi</i> . Biochemical and Biophysical Research Communications, 2006, 344, 936-940.	2.1	56
5	Antibody targeting of a specific region of Pfs47 blocks <i>Plasmodium falciparum</i> malaria transmission. Npj Vaccines, 2018, 3, 26.	6.0	54
6	<i>Plasmodium falciparum</i> evades immunity of anopheline mosquitoes by interacting with a Pfs47 midgut receptor. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 2597-2605.	7.1	52
7	<i>Plasmodium</i> P47 : a key gene for malaria transmission by mosquito vectors. Current Opinion in Microbiology, 2017, 40, 168-174.	5.1	51
8	Post genomic analysis of permeases from the amino acid/auxin family in protozoan parasites. Biochemical and Biophysical Research Communications, 2004, 321, 547-556.	2.1	46
9	<i>Trypanosoma cruzi</i> TcSMUG L-surface Mucins Promote Development and Infectivity in the Triatomine Vector <i>Rhodnius prolixus</i> . PLoS Neglected Tropical Diseases, 2013, 7, e2552.	3.0	45
10	<i>Trypanosoma cruzi</i> : Oxidative stress induces arginine kinase expression. Experimental Parasitology, 2006, 114, 341-344.	1.2	44
11	Involvement of TSSA (trypomastigote small surface antigen) in <i>Trypanosoma cruzi</i> invasion of mammalian cells. Biochemical Journal, 2012, 444, 211-218.	3.7	39
12	Lysine transporters in human trypanosomatid pathogens. Amino Acids, 2012, 42, 347-360.	2.7	34
13	Engineering a Virus-Like Particle as an Antigenic Platform for a Pfs47-Targeted Malaria Transmission-Blocking Vaccine. Scientific Reports, 2019, 9, 16833.	3.3	32
14	<i>Trypanosoma cruzi</i> amino acid transporter TcAAAP411 mediates arginine uptake in yeasts. FEMS Microbiology Letters, 2010, 306, 97-102.	1.8	25
15	Structural Features Affecting Trafficking, Processing, and Secretion of <i>Trypanosoma cruzi</i> Mucins. Journal of Biological Chemistry, 2012, 287, 26365-26376.	3.4	25
16	Mapping Antigenic Motifs in the Trypomastigote Small Surface Antigen from <i>Trypanosoma cruzi</i> . Vaccine Journal, 2015, 22, 304-312.	3.1	25
17	Biochemical characterization of a low-affinity arginine permease from the parasite <i>Trypanosoma cruzi</i> . FEMS Microbiology Letters, 2004, 236, 79-84.	1.8	22
18	The Trypomastigote Small Surface Antigen (TSSA) regulates <i>Trypanosoma cruzi</i> infectivity and differentiation. PLoS Neglected Tropical Diseases, 2017, 11, e0005856.	3.0	21

#	ARTICLE	IF	CITATIONS
19	An expanded adenylate kinase gene family in the protozoan parasite <i>Trypanosoma cruzi</i> . <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2006, 1760, 913-921.	2.4	20
20	Aspartate transport and metabolism in the protozoan parasite <i>Trypanosoma cruzi</i> . <i>FEMS Microbiology Letters</i> , 2005, 247, 65-71.	1.8	19
21	Characterization of <i>Trypanosoma cruzi</i> -cysteine transport mechanisms and their adaptive regulation. <i>FEMS Microbiology Letters</i> , 2009, 292, 27-32.	1.8	19
22	Molecular Analysis of Pfs47-Mediated Plasmodium Evasion of Mosquito Immunity. <i>PLoS ONE</i> , 2016, 11, e0168279.	2.5	19
23	Molecular and Functional Characterization of a <i>Trypanosoma cruzi</i> Nuclear Adenylate Kinase Isoform. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2044.	3.0	16
24	<i>Trypanosoma cruzi</i> : Multiple nucleoside diphosphate kinase isoforms in a single cell. <i>Experimental Parasitology</i> , 2008, 120, 103-107.	1.2	15
25	Subcellular localization of <i>Trypanosoma cruzi</i> arginine kinase. <i>Parasitology</i> , 2009, 136, 1201-1207.	1.5	15
26	Plasmid Vectors and Molecular Building Blocks for the Development of Genetic Manipulation Tools for <i>Trypanosoma cruzi</i> . <i>PLoS ONE</i> , 2013, 8, e80217.	2.5	13
27	Biochemical characterization of a low-affinity arginine permease from the parasite <i>Trypanosoma cruzi</i> . <i>FEMS Microbiology Letters</i> , 2004, 236, 79-84.	1.8	13
28	Arginine kinase in <i>Phytomonas</i> , a trypanosomatid parasite of plants. <i>Comparative Biochemistry and Physiology - B Biochemistry and Molecular Biology</i> , 2011, 160, 40-43.	1.6	11
29	Molecular and antigenic characterization of <i>Trypanosoma cruzi</i> TolT proteins. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007245.	3.0	9
30	In vivo Characterization of <i>Plasmodium berghei</i> P47 (Pbs47) as a Malaria Transmission-Blocking Vaccine Target. <i>Frontiers in Microbiology</i> , 2020, 11, 1496.	3.5	8
31	<i>Phytomonas</i> : Transport of amino acids, hexoses and polyamines. <i>Experimental Parasitology</i> , 2007, 117, 106-110.	1.2	6
32	Antibody Therapy Goes to Insects: Monoclonal Antibodies Can Block <i>Plasmodium</i> Transmission to Mosquitoes. <i>Trends in Parasitology</i> , 2020, 36, 880-883.	3.3	6
33	Metabolic Labeling of Surface Neo-sialylglycoconjugates Catalyzed by <i>Trypanosoma cruzi</i> trans-Sialidase. <i>Methods in Molecular Biology</i> , 2019, 1955, 135-146.	0.9	4
34	Homologous Expression of Glycosylphosphatidylinositol-Anchored Glycoproteins in <i>Trypanosoma cruzi</i> . <i>Methods in Molecular Biology</i> , 2019, 1955, 119-134.	0.9	1