

# Paola M MinÃ³prio

## List of Publications by Year in descending order

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57  
papers

2,114  
citations

218381

26  
h-index

243296

44  
g-index

58  
all docs

58  
docs citations

58  
times ranked

1893  
citing authors

#	ARTICLE	IF	CITATIONS
1	Immunobiology of Murine T <i>Cruzi</i> Infection: The Predominance of Parasite-nonspecific Responses and the Activation of TCRIT Cells. <i>Immunological Reviews</i> , 1989, 112, 183-207.	2.8	166
2	Polyclonal Lymphocyte Responses to Murine <i>Trypanosoma cruzi</i> Infection.. <i>Scandinavian Journal of Immunology</i> , 1986, 24, 661-668.	1.3	147
3	A B-cell mitogen from a pathogenic trypanosome is a eukaryotic proline racemase. <i>Nature Medicine</i> , 2000, 6, 890-897.	15.2	138
4	Drug Discovery Targeting Amino Acid Racemases. <i>Chemical Reviews</i> , 2011, 111, 6919-6946.	23.0	97
5	Most B Cells in Acute <i>Trypanosoma cruzi</i> Infection Lack Parasite Specificity. <i>Scandinavian Journal of Immunology</i> , 1988, 28, 553-561.	1.3	93
6	Crystal structure, catalytic mechanism, and mitogenic properties of <i>Trypanosoma cruzi</i> proline racemase. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 1705-1710.	3.3	92
7	Parasite polyclonal activators: new targets for vaccination approaches?. <i>International Journal for Parasitology</i> , 2001, 31, 588-591.	1.3	76
8	Xidimmunodeficiency imparts increased parasite clearance and resistance to pathology in experimental Chagas' disease. <i>International Immunology</i> , 1991, 3, 427-433.	1.8	72
9	Preferential expansion of Ly-1 B and CD4 <sup>+</sup> CD8 <sup>+</sup> T cells in the polyclonal lymphocyte responses to murine <i>T.cruzi</i> infection. <i>International Immunology</i> , 1989, 1, 176-184.	1.8	64
10	Biochemical Characterization of Proline Racemases from the Human Protozoan Parasite <i>Trypanosoma cruzi</i> and Definition of Putative Protein Signatures. <i>Journal of Biological Chemistry</i> , 2003, 278, 15484-15494.	1.6	58
11	Murine AIDS protects mice against experimental cerebral malaria: down-regulation by interleukin 10 of a T-helper type 1 CD4+ cell-mediated pathology.. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 1994, 91, 8097-8101.	3.3	57
12	<i>Trypanosoma cruzi</i> proline racemases are involved in parasite differentiation and infectivity. <i>Molecular Microbiology</i> , 2005, 58, 46-60.	1.2	52
13	Is TNF $\alpha$ involved in early susceptibility of <i>Trypanosoma cruzi</i> -infected C3H/He mice?. <i>Research in Immunology</i> , 1991, 142, 117-122.	0.9	47
14	Susceptible mice present higher macrophage activation than resistant mice during infections with myotropic strains of <i>Trypanosoma cruzi</i> . <i>Parasite Immunology</i> , 1989, 11, 385-395.	0.7	45
15	<i>Theileria annulata</i> in CD5 <sup>+</sup> Macrophages and B1 B Cells. <i>Infection and Immunity</i> , 1999, 67, 6678-6682.	1.0	44
16	Increased <i>Trypanosoma cruzi</i> Invasion and Heart Fibrosis Associated with High Transforming Growth Factor $\beta$ Levels in Mice Deficient in $\beta$ 2-Macroglobulin. <i>Infection and Immunity</i> , 2002, 70, 5115-5123.	1.0	43
17	Molecular and Structural Discrimination of Proline Racemase and Hydroxyproline-2-Epimerase from Nosocomial and Bacterial Pathogens. <i>PLoS ONE</i> , 2007, 2, e885.	1.1	43
18	<i>Trypanosoma vivax</i> Infections: Pushing Ahead with Mouse Models for the Study of Nagana. I. Parasitological, Hematological and Pathological Parameters. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e792.	1.3	42

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19	Intranasal Inoculation of <i>Bordetella Bronchiseptica</i> in Mice Induces Long-Lasting Antibody and T-Cell Mediated Immune Responses. <i>Scandinavian Journal of Immunology</i> , 1996, 43, 181-192.	1.3	40
20	A 24-kDa <i>Trypanosoma cruzi</i> antigen is a T-cell activator. <i>Immunology</i> , 1998, 94, 189-196.	2.0	39
21	X-linked immunodeficiency affects the outcome of <i>Schistosoma mansoni</i> infection in the murine model. <i>Parasite Immunology</i> , 1999, 21, 89.	0.7	35
22	Murine Acariasis. II. Immunological Dysfunction and Evidence for Chronic Activation of Th2 Lymphocytes. <i>Scandinavian Journal of Immunology</i> , 1996, 43, 604-612.	1.3	32
23	IgG Isotype Patterns of Primary and Secondary B Cell Responses to <i>Plasmodium Chabaudi Chabaudi</i> Correlate with IFN- $\gamma$ and IL-4 Cytokine Production and with CD45RB Expression by CD4 + Spleen Cells. <i>Scandinavian Journal of Immunology</i> , 1996, 43, 263-270.	1.3	32
24	Global Gene Expression Profiling through the Complete Life Cycle of <i>Trypanosoma vivax</i> . <i>PLoS Neglected Tropical Diseases</i> , 2015, 9, e0003975.	1.3	31
25	Genetic Engineering of <i>Trypanosoma (Dutonella) vivax</i> and In Vitro Differentiation under Axenic Conditions. <i>PLoS Neglected Tropical Diseases</i> , 2011, 5, e1461.	1.3	30
26	Non-Invasive In Vivo Study of the <i>Trypanosoma vivax</i> Infectious Process Consolidates the Brain Commitment in Late Infections. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e1976.	1.3	30
27	Endogenous IL-10 and IFN-gamma Production Controls Thymic Cell Proliferation in Mice Acutely Infected by <i>Trypanosoma cruzi</i> . <i>Scandinavian Journal of Immunology</i> , 1994, 39, 51-58.	1.3	27
28	Significant association between the skewed natural antibody repertoire of Xid mice and resistance to <i>Trypanosoma cruzi</i> infection. <i>European Journal of Immunology</i> , 2001, 31, 634-645.	1.6	26
29	Proline racemases are conserved mitogens: Characterization of a <i>Trypanosoma vivax</i> proline racemase. <i>Molecular and Biochemical Parasitology</i> , 2009, 165, 170-179.	0.5	25
30	<i>Trypanosoma vivax</i> Infections: Pushing Ahead with Mouse Models for the Study of Nagana. II. Immunobiological Dysfunctions. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e793.	1.3	25
31	Phylogenetic and syntenic data support a single horizontal transference to a <i>Trypanosoma</i> ancestor of a prokaryotic proline racemase implicated in parasite evasion from host defences. <i>Parasites and Vectors</i> , 2015, 8, 222.	1.0	25
32	In-depth analysis of laboratory parameters reveals the interplay between sex, age, and systemic inflammation in individuals with COVID-19. <i>International Journal of Infectious Diseases</i> , 2021, 105, 579-587.	1.5	25
33	New insights into experimental visceral leishmaniasis: Real-time in vivo imaging of <i>Leishmania donovani</i> virulence. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005924.	1.3	25
34	Skewed V $\beta$ 2 TCR repertoire of CD8+ T cells in murine <i>Trypanosoma cruzi</i> infection. <i>International Immunology</i> , 1994, 6, 387-392.	1.8	23
35	In vivo imaging of trypanosomes for a better assessment of host-parasite relationships and drug efficacy. <i>Parasitology International</i> , 2014, 63, 260-268.	0.6	20
36	Imaging visceral leishmaniasis in real time with golden hamster model: Monitoring the parasite burden and hamster transcripts to further characterize the immunological responses of the host. <i>Parasitology International</i> , 2017, 66, 933-939.	0.6	20

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37	Chagas' disease: CD5 B-cell-dependent Th2 pathology?. <i>Research in Immunology</i> , 1991, 142, 137-140.	0.9	19
38	Inhibition of <i>Trypanosoma cruzi</i> proline racemase affects host-parasite interactions and the outcome of in vitro infection. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2009, 104, 1055-1062.	0.8	18
39	The influence of T cell subsets on <i>Trypanosoma cruzi</i> multiplication in different organs. <i>Immunology Letters</i> , 1996, 49, 163-168.	1.1	17
40	Proline racemases: insights into <i>Trypanosoma cruzi</i> peptides containing D-proline. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2009, 104, 295-300.	0.8	17
41	Combined Approaches for Drug Design Points the Way to Novel Proline Racemase Inhibitor Candidates to Fight Chagasâ€™ Disease. <i>PLoS ONE</i> , 2013, 8, e60955.	1.1	17
42	Unveiling Cerebral Leishmaniasis: parasites and brain inflammation in <i>Leishmania donovani</i> infected mice. <i>Scientific Reports</i> , 2017, 7, 8454.	1.6	16
43	A comparative in silico linear B-cell epitope prediction and characterization for South American and African <i>Trypanosoma vivax</i> strains. <i>Genomics</i> , 2019, 111, 407-417.	1.3	16
44	Changes in the cytokine profile of lupus-prone mice (NZB/NZW)F1 induced by <i>Plasmodium chabaudi</i> and their implications in the reversal of clinical symptoms. <i>Clinical and Experimental Immunology</i> , 2000, 119, 333-339.	1.1	15
45	A <i>Trypanosoma cruzi</i> Alkaline Antigen Induces Polyclonal B-Cell Activation of Normal Murine Spleen Cells by T-Cell-Independent, BCR-Directed Stimulation. <i>Scandinavian Journal of Immunology</i> , 1999, 50, 159-166.	1.3	14
46	VÎ²6-bearing T cells are involved in resistance to <i>Trypanosoma cruzi</i> infection in XID mice. <i>International Immunology</i> , 1996, 8, 1213-1219.	1.8	12
47	In vitro study of immunological events in human and experimental schistosomiasis: relationships between cytotoxic antibodies and circulating <i>Schistosoma</i> antigens. <i>Parasite Immunology</i> , 1980, 2, 223-235.	0.7	9
48	CD5 B Cells. <i>Annals of the New York Academy of Sciences</i> , 1992, 651, 557-563.	1.8	9
49	Depletion of L3t4+ T lymphocytes during acute <i>Trypanosoma cruzi</i> infection abolish macrophage and B lymphocyte activation but not tissue inflammatory reaction. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1988, 83, 527-538.	0.8	8
50	Prodrugs as new therapies against Chagas disease: in vivo synergy between <i>Trypanosoma cruzi</i> proline racemase inhibitors and benznidazole. <i>Journal of Global Antimicrobial Resistance</i> , 2022, 28, 84-89.	0.9	8
51	In Vivo Evidence for a Non-T Cell Origin of Interleukin-5. <i>Scandinavian Journal of Immunology</i> , 1995, 41, 288-292.	1.3	7
52	Intravenous immunoglobulin increases survival time in the acute phase of experimental Chagas disease. <i>Parasite Immunology</i> , 2010, 32, 464-469.	0.7	7
53	Designed mono- and di-covalent inhibitors trap modeled functional motions for <i>Trypanosoma cruzi</i> proline racemase in crystallography. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006853.	1.3	7
54	V-region-related and -unrelated immunosuppression accompanying infections. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1992, 87, 35-41.	0.8	6

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55	Partial Protection of Mice against <i>Trypanosoma cruzi</i> after Immunizing with the TcY 72 Antigenic Preparation. <i>Memorias Do Instituto Oswaldo Cruz</i> , 1999, 94, 167-172.	0.8	4
56	Irreversible inhibitors of the proline racemase unveil innovative mechanism of action as antibacterial agents against <i>Clostridioides difficile</i> . <i>Chemical Biology and Drug Design</i> , 2022, 99, 513-526.	1.5	2
57	An international, interlaboratory ring trial confirms the feasibility of an extraction-less direct RT-qPCR method for reliable detection of SARS-CoV-2 RNA in clinical samples. <i>PLoS ONE</i> , 2022, 17, e0261853.	1.1	0