

# Elvira M Saraiva

## List of Publications by Citations

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94  
papers

3,288  
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33  
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54  
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96  
ext. papers

3,942  
ext. citations

4.2  
avg, IF

4.85  
L-index

#	Paper	IF	Citations
94	Leishmania amazonensis promastigotes induce and are killed by neutrophil extracellular traps. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 6748-53	11.5	390
93	Evidence that the vectorial competence of phlebotomine sand flies for different species of Leishmania is controlled by structural polymorphisms in the surface lipophosphoglycan. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>1994</b> , 91, 9155-9	11.5	163
92	Antileishmanial activity of an indole alkaloid from <i>Peschiera australis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , <b>2001</b> , 45, 1349-54	5.9	136
91	Classical ROS-dependent and early/rapid ROS-independent release of Neutrophil Extracellular Traps triggered by Leishmania parasites. <i>Scientific Reports</i> , <b>2015</b> , 5, 18302	4.9	126
90	Tumor-Derived Exosomes Induce the Formation of Neutrophil Extracellular Traps: Implications For The Establishment of Cancer-Associated Thrombosis. <i>Scientific Reports</i> , <b>2017</b> , 7, 6438	4.9	116
89	ETosis: A Microbicidal Mechanism beyond Cell Death. <i>Journal of Parasitology Research</i> , <b>2012</b> , 2012, 929743	4.3	111
88	A Metabolic Shift toward Pentose Phosphate Pathway Is Necessary for Amyloid Fibril- and Phorbol 12-Myristate 13-Acetate-induced Neutrophil Extracellular Trap (NET) Formation. <i>Journal of Biological Chemistry</i> , <b>2015</b> , 290, 22174-83	5.4	102
87	The comparative fine structure and surface glycoconjugate expression of three life stages of <i>Leishmania major</i> . <i>Experimental Parasitology</i> , <b>1991</b> , 72, 191-204	2.1	96
86	Characterization of neutrophil extracellular traps in cats naturally infected with feline leukemia virus. <i>Journal of General Virology</i> , <b>2010</b> , 91, 259-64	4.9	88
85	3'Nucleotidase/nuclease activity allows <i>Leishmania</i> parasites to escape killing by neutrophil extracellular traps. <i>Infection and Immunity</i> , <b>2014</b> , 82, 1732-40	3.7	76
84	The FML-vaccine (Leishmune) against canine visceral leishmaniasis: a transmission blocking vaccine. <i>Vaccine</i> , <b>2006</b> , 24, 2423-31	4.1	76
83	Presentation of the <i>Leishmania</i> antigen LACK by infected macrophages is dependent upon the virulence of the phagocytosed parasites. <i>European Journal of Immunology</i> , <b>1999</b> , 29, 762-73	6.1	75
82	Capsular polysaccharides from <i>Cryptococcus neoformans</i> modulate production of neutrophil extracellular traps (NETs) by human neutrophils. <i>Scientific Reports</i> , <b>2015</b> , 5, 8008	4.9	72
81	Cooperation between apoptotic and viable metacyclics enhances the pathogenesis of Leishmaniasis. <i>PLoS ONE</i> , <b>2009</b> , 4, e5733	3.7	69
80	Respiratory Syncytial Virus induces the classical ROS-dependent NETosis through PAD-4 and necroptosis pathways activation. <i>Scientific Reports</i> , <b>2018</b> , 8, 14166	4.9	69
79	Leishmanicidal effects of piperine, its derivatives, and analogues on <i>Leishmania amazonensis</i> . <i>Phytochemistry</i> , <b>2011</b> , 72, 2155-64	4	58
78	<i>Leishmania amazonensis</i> : early proteinase activities during promastigote-amastigote differentiation in vitro. <i>Experimental Parasitology</i> , <b>2005</b> , 109, 38-48	2.1	54

77	Increased Leishmania replication in HIV-1-infected macrophages is mediated by tat protein through cyclooxygenase-2 expression and prostaglandin E2 synthesis. <i>Journal of Infectious Diseases</i> , <b>2006</b> , 194, 846-54	7	50
76	Leishmanicidal activity of a supercritical fluid fraction obtained from <i>Tabernaemontana catharinensis</i> . <i>Parasitology International</i> , <b>2007</b> , 56, 135-9	2.1	49
75	The replication of human immunodeficiency virus type 1 in macrophages is enhanced after phagocytosis of apoptotic cells. <i>Journal of Infectious Diseases</i> , <b>2002</b> , 185, 1561-6	7	47
74	Amyloid fibrils trigger the release of neutrophil extracellular traps (NETs), causing fibril fragmentation by NET-associated elastase. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 37206-18	5.4	45
73	Novel role for the double-stranded RNA-activated protein kinase PKR: modulation of macrophage infection by the protozoan parasite <i>Leishmania</i> . <i>FASEB Journal</i> , <b>2010</b> , 24, 617-26	0.9	44
72	Neutrophil extracellular traps release induced by <i>Leishmania</i> : role of PI3K/ERK, PI3K/PKC, and [Ca <sup>2+</sup> ]. <i>Journal of Leukocyte Biology</i> , <b>2016</b> , 100, 801-810	6.5	42
71	Trans-βCaryophyllene: An Effective Antileishmanial Compound Found in Commercial Copaiba Oil ( <i>Copaifera</i> spp.). <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2013</b> , 2013, 761323	2.3	41
70	The site of the bite: <i>Leishmania</i> interaction with macrophages, neutrophils and the extracellular matrix in the dermis. <i>Parasites and Vectors</i> , <b>2016</b> , 9, 264	4	41
69	NF-kappaB-mediated repression of iNOS expression in <i>Leishmania amazonensis</i> macrophage infection. <i>Immunology Letters</i> , <b>2009</b> , 127, 19-26	4.1	40
68	Resveratrol is active against <i>Leishmania amazonensis</i> : in vitro effect of its association with Amphotericin B. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2014</b> , 58, 6197-208	5.9	38
67	Dolabelladienetriol, a compound from <i>Dictyota pfaeffii</i> algae, inhibits the infection by <i>Leishmania amazonensis</i> . <i>PLoS Neglected Tropical Diseases</i> , <b>2012</b> , 6, e1787	4.8	37
66	<i>Leishmania</i> ( <i>Viannia</i> ) <i>braziliensis</i> metacyclic promastigotes purified using <i>Bauhinia purpurea</i> lectin are complement resistant and highly infective for macrophages in vitro and hamsters in vivo. <i>International Journal for Parasitology</i> , <b>2002</b> , 32, 1371-7	4.3	37
65	Flow cytometric assessment of <i>Leishmania</i> spp metacyclic differentiation: validation by morphological features and specific markers. <i>Experimental Parasitology</i> , <b>2005</b> , 110, 39-47	2.1	35
64	LDL uptake by <i>Leishmania amazonensis</i> : involvement of membrane lipid microdomains. <i>Experimental Parasitology</i> , <b>2012</b> , 130, 330-40	2.1	34
63	Interaction of insect trypanosomatids with mosquitoes, sand fly and the respective insect cell lines. <i>International Journal for Parasitology</i> , <b>2003</b> , 33, 1019-26	4.3	34
62	Lipophosphoglycans from <i>Leishmania amazonensis</i> Strains Display Immunomodulatory Properties via TLR4 and Do Not Affect Sand Fly Infection. <i>PLoS Neglected Tropical Diseases</i> , <b>2016</b> , 10, e0004848	4.8	34
61	In vitro activities of iboga alkaloid congeners coronaridine and 18-methoxycoronaridine against <i>Leishmania amazonensis</i> . <i>Antimicrobial Agents and Chemotherapy</i> , <b>2002</b> , 46, 2111-5	5.9	30
60	Different secreted phosphatase activities in <i>Leishmania amazonensis</i> . <i>FEMS Microbiology Letters</i> , <b>2013</b> , 340, 117-28	2.9	26

59	Interplay between parasite cysteine proteases and the host kinin system modulates microvascular leakage and macrophage infection by promastigotes of the <i>Leishmania donovani</i> complex. <i>Microbes and Infection</i> , <b>2006</b> , 8, 206-20	9.3	26
58	Sand fly- interactions: long relationships are not necessarily easy. <i>The Open Parasitology Journal</i> , <b>2010</b> , 4, 195-204	1.6	25
57	<i>Leishmania chagasi</i> : an ecto-3 $\beta$ -nucleotidase activity modulated by inorganic phosphate and its possible involvement in parasite-macrophage interaction. <i>Experimental Parasitology</i> , <b>2011</b> , 127, 702-7	2.1	24
56	Leishmanicidal activity of <i>Himatanthus sucuuba</i> latex against <i>Leishmania amazonensis</i> . <i>Parasitology International</i> , <b>2010</b> , 59, 173-7	2.1	24
55	Protection against cutaneous leishmaniasis by intranasal vaccination with lipophosphoglycan. <i>Vaccine</i> , <b>2007</b> , 25, 2716-22	4.1	24
54	The in vitro antileishmanial activity of essential oil from <i>Aloysia gratissima</i> and guaiol, its major sesquiterpene against <i>Leishmania amazonensis</i> . <i>Parasitology</i> , <b>2018</b> , 145, 1219-1227	2.7	23
53	Oleanolic acid (OA) as an antileishmanial agent: Biological evaluation and in silico mechanistic insights. <i>Parasitology International</i> , <b>2016</b> , 65, 227-37	2.1	23
52	Are Neutrophil Extracellular Traps Playing a Role in the Parasite Control in Active American Tegumentary Leishmaniasis Lesions?. <i>PLoS ONE</i> , <b>2015</b> , 10, e0133063	3.7	23
51	The 3A1-La monoclonal antibody reveals key features of <i>Leishmania (L) amazonensis</i> metacyclic promastigotes and inhibits procyclics attachment to the sand fly midgut. <i>International Journal for Parasitology</i> , <b>2005</b> , 35, 757-64	4.3	22
50	Leishmanicidal Effect of Synthetic trans-Resveratrol Analogs. <i>PLoS ONE</i> , <b>2015</b> , 10, e0141778	3.7	21
49	Neutrophil Extracellular Traps Reprogram IL-4/GM-CSF-Induced Monocyte Differentiation to Anti-inflammatory Macrophages. <i>Frontiers in Immunology</i> , <b>2017</b> , 8, 523	8.4	20
48	Leishmanicidal effect of LLD-3 (1), a nor-triterpene isolated from <i>Lophanthera lactescens</i> . <i>Phytochemistry</i> , <b>2009</b> , 70, 608-14	4	20
47	Inflammatory profiling of patients with familial amyloid polyneuropathy. <i>BMC Neurology</i> , <b>2019</b> , 19, 146	3.1	19
46	<i>Leishmania adleri</i> , a lizard parasite, expresses structurally similar glycoinositolphospholipids to mammalian <i>Leishmania</i> . <i>Glycobiology</i> , <b>1997</b> , 7, 687-95	5.8	19
45	Anti-HIV-1 activity of the Iboga alkaloid congener 18-methoxycoronaridine. <i>Planta Medica</i> , <b>2004</b> , 70, 808-12	3.1	17
44	The Brown Alga <i>Styopodium zonale</i> (Dictyotaceae): A Potential Source of Anti- <i>Leishmania</i> Drugs. <i>Marine Drugs</i> , <b>2016</b> , 14,	6	17
43	Salivary gland homogenates of <i>Lutzomyia longipalpis</i> and its vasodilatory peptide maxadilan cause plasma leakage via PAC1 receptor activation. <i>Journal of Vascular Research</i> , <b>2009</b> , 46, 435-46	1.9	16
42	Immunotherapy using anti-PD-1 and anti-PD-L1 in <i>Leishmania amazonensis</i> -infected BALB/c mice reduce parasite load. <i>Scientific Reports</i> , <b>2019</b> , 9, 20275	4.9	16

41	Maxadilan, the <i>Lutzomyia longipalpis</i> vasodilator, drives plasma leakage via PAC1-CXCR1/2-pathway. <i>Microvascular Research</i> , <b>2012</b> , 83, 185-93	3.7	15
40	Colonization of <i>Aedes aegypti</i> midgut by the endosymbiont-bearing trypanosomatid <i>Blastocrithidia culicis</i> . <i>Parasitology Research</i> , <b>2006</b> , 99, 384-91	2.4	15
39	Influence of the endosymbiont of <i>Blastocrithidia culicis</i> and <i>Crithidia deanei</i> on the glycoconjugate expression and on <i>Aedes aegypti</i> interaction. <i>FEMS Microbiology Letters</i> , <b>2005</b> , 252, 279-86	2.9	15
38	Involvement of the macrophage mannose-6-phosphate receptor in the recognition of <i>Leishmania mexicana amazonensis</i> . <i>Parasitology Research</i> , <b>1987</b> , 73, 411-6	2.4	15
37	IL-27 enhances <i>Leishmania amazonensis</i> infection via ds-RNA dependent kinase (PKR) and IL-10 signaling. <i>Immunobiology</i> , <b>2015</b> , 220, 437-44	3.4	14
36	Phosphatidylserine exposure and surface sugars in two <i>Leishmania (Viannia) braziliensis</i> strains involved in cutaneous and mucocutaneous leishmaniasis. <i>Journal of Infectious Diseases</i> , <b>2013</b> , 207, 537-43	7	14
35	CXCR4 and MIF are required for neutrophil extracellular trap release triggered by Plasmodium-infected erythrocytes. <i>PLoS Pathogens</i> , <b>2020</b> , 16, e1008230	7.6	14
34	HIV-1 infection and HIV-1 Tat protein permit the survival and replication of a non-pathogenic trypanosomatid in macrophages through TGF-beta1 production. <i>Microbes and Infection</i> , <b>2008</b> , 10, 642-9	9.3	13
33	The presence of a symbiotic bacterium in <i>Strigomonas culicis</i> is related to differential ecto-phosphatase activity and influences the mosquito-protozoa interaction. <i>International Journal for Parasitology</i> , <b>2013</b> , 43, 571-7	4.3	12
32	Molecular signatures of neutrophil extracellular traps in human visceral leishmaniasis. <i>Parasites and Vectors</i> , <b>2017</b> , 10, 285	4	11
31	Neutrophil extracellular trap-enriched supernatants carry microRNAs able to modulate TNF- $\alpha$ production by macrophages. <i>Scientific Reports</i> , <b>2020</b> , 10, 2715	4.9	11
30	Antileishmanial Thioureas: Synthesis, Biological Activity and in Silico Evaluations of New Promising Derivatives. <i>Chemical and Pharmaceutical Bulletin</i> , <b>2017</b> , 65, 911-919	1.9	11
29	Interaction of the monoxenic trypanosomatid <i>Blastocrithidia culicis</i> with the <i>Aedes aegypti</i> salivary gland. <i>Acta Tropica</i> , <b>2010</b> , 113, 269-78	3.2	11
28	Characterization of the species- and stage-specificity of two monoclonal antibodies against <i>Leishmania amazonensis</i> . <i>Experimental Parasitology</i> , <b>2003</b> , 103, 152-9	2.1	11
27	Distribution of phlebotomine fauna (Diptera: Psychodidae) across an urban-rural gradient in an area of endemic visceral leishmaniasis in northern Brazil. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2011</b> , 106, 1039-44	3.6	11
26	HIV-1 Tat protein enhances the intracellular growth of <i>Leishmania amazonensis</i> via the ds-RNA induced protein PKR. <i>Scientific Reports</i> , <b>2015</b> , 5, 16777	4.9	10
25	Glutamine Therapy Reduces Inflammation and Extracellular Trap Release in Experimental Acute Respiratory Distress Syndrome of Pulmonary Origin. <i>Nutrients</i> , <b>2019</b> , 11,	6.7	9
24	The role of TLR9 on <i>Leishmania amazonensis</i> infection and its influence on intranasal LaAg vaccine efficacy. <i>PLoS Neglected Tropical Diseases</i> , <b>2019</b> , 13, e0007146	4.8	9

23	Warifteine, an alkaloid purified from <i>Cissampelos sympodialis</i> , inhibits neutrophil migration in vitro and in vivo. <i>Journal of Immunology Research</i> , <b>2014</b> , 2014, 752923	4.5	9
22	Cell surface characterization of amastigotes of <i>Trypanosoma cruzi</i> obtained from different sources. <i>Parasitology Research</i> , <b>1998</b> , 84, 257-63	2.4	9
21	Nuclear and cytoplasmic lectin binding sites in promastigotes of <i>Leishmania</i> . <i>Journal of Histochemistry and Cytochemistry</i> , <b>1991</b> , 39, 793-800	3.4	8
20	In vitro leishmanicidal activity of monoterpenes present in two species of <i>Protium</i> (Burseraceae) on <i>Leishmania amazonensis</i> . <i>Journal of Ethnopharmacology</i> , <b>2020</b> , 259, 112981	5	8
19	Leishmanicidal activity of the alkaloid-rich fraction from <i>Guatteria latifolia</i> . <i>Experimental Parasitology</i> , <b>2017</b> , 172, 51-60	2.1	7
18	Cloning, expression and purification of 3Tnucleotidase/nuclease, an enzyme responsible for the <i>Leishmania</i> escape from neutrophil extracellular traps. <i>Molecular and Biochemical Parasitology</i> , <b>2019</b> , 229, 6-14	1.9	7
17	DNA extracellular traps are part of the immune repertoire of <i>Periplaneta americana</i> . <i>Developmental and Comparative Immunology</i> , <b>2018</b> , 84, 62-70	3.2	7
16	<i>Leptomonas wallacei</i> shows distinct morphology and surface carbohydrates composition along the intestinal tract of its host <i>Oncopeltus fasciatus</i> (Hemiptera: Lygaeidae) and in axenic culture. <i>Journal of Eukaryotic Microbiology</i> , <b>2003</b> , 50, 409-16	3.6	7
15	Evidence that a laminin-like insect protein mediates early events in the interaction of a Phytoparasite with its vector's salivary gland. <i>PLoS ONE</i> , <b>2012</b> , 7, e48170	3.7	7
14	Neutrophil properties in healthy and <i>Leishmania infantum</i> -naturally infected dogs. <i>Scientific Reports</i> , <b>2019</b> , 9, 6247	4.9	6
13	Adenosine Diphosphate Improves Wound Healing in Diabetic Mice Through P2Y Receptor Activation. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 651740	8.4	6
12	Anti- <i>Leishmania amazonensis</i> activity of <i>Serjania lethalis</i> A. St.-Hil. <i>Parasitology International</i> , <b>2017</b> , 66, 940-947	2.1	5
11	<i>Leishmania amazonensis</i> exhibits phosphatidylserine-dependent procoagulant activity, a process that is counteracted by sandfly saliva. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2013</b> , 108, 679-85	2.6	4
10	Development of a ligand blot assay using biotinylated live cells. <i>Journal of Biomolecular Screening</i> , <b>2007</b> , 12, 1006-10		4
9	Neutrophil extracellular traps from healthy donors and HIV-1-infected individuals restrict HIV-1 production in macrophages. <i>Scientific Reports</i> , <b>2020</b> , 10, 19603	4.9	3
8	DH82 Canine and RAW264.7 Murine Macrophage Cell Lines Display Distinct Activation Profiles Upon Interaction With. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2020</b> , 10, 247	5.9	2
7	Endocytosis and Exocytosis in Are Modulated by Bromoenol Lactone. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2020</b> , 10, 39	5.9	2
6	Characterization in vivo and in vitro of a strain of <i>Leishmania</i> ( <i>Viannia</i> ) <i>shawi</i> from the Amazon Region. <i>Parasitology International</i> , <b>2009</b> , 58, 154-60	2.1	2

5	Extracellular Traps Released by Neutrophils from Cats are Detrimental to Infectivity. <i>Microorganisms</i> , <b>2020</b> , 8,	4.9	2
4	Parasites Drive PD-L1 Expression in Mice and Human Neutrophils With Suppressor Capacity. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 598943	8.4	2
3	Protective effect of methyl gallate on murine antigen-induced arthritis by inhibiting inflammatory process and bone erosion.. <i>Inflammopharmacology</i> , <b>2022</b> , 30, 251	5.1	0
2	Simvastatin Downregulates the SARS-CoV-2-Induced Inflammatory Response and Impairs Viral Infection Through Disruption of Lipid Rafts.. <i>Frontiers in Immunology</i> , <b>2022</b> , 13, 820131	8.4	0
1	Increased leishmanicidal activity of alveolar macrophages from mature horses with mild equine asthma. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , <b>2019</b> , 71, 939-943	0.3	