

# Herbert Leonel de Matos Guedes

## List of Publications by Year in descending order

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76  
papers

1,475  
citations

377584

21  
h-index

445137

33  
g-index

81  
all docs

81  
docs citations

81  
times ranked

2157  
citing authors

#	ARTICLE	IF	CITATIONS
1	Intranasal immunization with chitosan microparticles enhances LACK-DNA vaccine protection and induces specific long-lasting immunity against visceral leishmaniasis. <i>Microbes and Infection</i> , 2022, 24, 104884.	1.0	13
2	Simvastatin Resistance of <i>Leishmania amazonensis</i> Induces Sterol Remodeling and Cross-Resistance to Sterol Pathway and Serine Protease Inhibitors. <i>Microorganisms</i> , 2022, 10, 398.	1.6	2
3	Subtilisin of <i>Leishmania amazonensis</i> as Potential Druggable Target: Subcellular Localization, In Vitro Leishmanicidal Activity and Molecular Docking of PF-429242, a Subtilisin Inhibitor. <i>Current Issues in Molecular Biology</i> , 2022, 44, 2089-2106.	1.0	2
4	Ageing impairs protective immunity and promotes susceptibility to murine visceral leishmaniasis. <i>Parasitology</i> , 2022, 149, 1249-1256.	0.7	2
5	Effects of a Serine Protease Inhibitor N-p-Tosyl-L-phenylalanine Chloromethyl Ketone (TPCK) on <i>Leishmania amazonensis</i> and <i>Leishmania infantum</i> . <i>Pharmaceutics</i> , 2022, 14, 1373.	2.0	0
6	<i>Cryptococcus</i> : History, Epidemiology and Immune Evasion. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 7086.	1.3	5
7	PF-429242, a Subtilisin Inhibitor, Is Effective in vitro Against <i>Leishmania infantum</i> . <i>Frontiers in Microbiology</i> , 2021, 12, 583834.	1.5	11
8	PD-1 Blockade Modulates Functional Activities of Exhausted-Like T Cell in Patients With Cutaneous Leishmaniasis. <i>Frontiers in Immunology</i> , 2021, 12, 632667.	2.2	16
9	Eosinophils increase macrophage ability to control intracellular <i>Leishmania amazonensis</i> infection via PGD2 paracrine activity in vitro. <i>Cellular Immunology</i> , 2021, 363, 104316.	1.4	3
10	MPLA and AddaVax® Adjuvants Fail to Promote Intramuscular LaAg Vaccine Protectiveness against Experimental Cutaneous Leishmaniasis. <i>Microorganisms</i> , 2021, 9, 1272.	1.6	0
11	<i>Leishmania</i> Parasites Drive PD-L1 Expression in Mice and Human Neutrophils With Suppressor Capacity. <i>Frontiers in Immunology</i> , 2021, 12, 598943.	2.2	13
12	Small Angle X-ray Scattering, Molecular Modeling, and Chemometric Studies from a Thrombin-Like (Lmr-47) Enzyme of <i>Lachesis m. rhombeata</i> Venom. <i>Molecules</i> , 2021, 26, 3930.	1.7	0
13	COVID-19 and the Challenges of Chemotherapy: The Failure Case of Hydroxychloroquine in the Clinical Treatment of SARS-CoV-2 Infection. <i>Coronaviruses</i> , 2021, 2, .	0.2	0
14	The Immune System Throws Its Traps: Cells and Their Extracellular Traps in Disease and Protection. <i>Cells</i> , 2021, 10, 1891.	1.8	27
15	Transcriptomic landscape of skin lesions in cutaneous leishmaniasis reveals a strong CD8 <sup>+</sup> T cell immunosenescence signature linked to immunopathology. <i>Immunology</i> , 2021, 164, 754-765.	2.0	8
16	X-linked immunodeficient (XID) mice exhibit high susceptibility to <i>Cryptococcus gattii</i> infection. <i>Scientific Reports</i> , 2021, 11, 18397.	1.6	7
17	The role of Toll-like receptor 9 in a murine model of <i>Cryptococcus gattii</i> infection. <i>Scientific Reports</i> , 2021, 11, 1407.	1.6	10
18	Polyclonal F(ab <sup>2</sup> ) fragments of equine antibodies raised against the spike protein neutralize SARS-CoV-2 variants with high potency. <i>IScience</i> , 2021, 24, 103315.	1.9	23

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19	Yellow fever vaccine protects mice against Zika virus infection. <i>PLoS Neglected Tropical Diseases</i> , 2021, 15, e0009907.	1.3	5
20	B-1 lymphocytes are able to produce IL-10, but is not pathogenic during <i>Leishmania (Leishmania) amazonensis</i> infection. <i>Immunobiology</i> , 2020, 225, 151857.	0.8	9
21	Multiple doses of adipose tissue-derived mesenchymal stromal cells induce immunosuppression in experimental asthma. <i>Stem Cells Translational Medicine</i> , 2020, 9, 250-260.	1.6	34
22	Combined therapy with adipose tissue-derived mesenchymal stromal cells and meglumine antimoniate controls lesion development and parasite load in murine cutaneous leishmaniasis caused by <i>Leishmania amazonensis</i> . <i>Stem Cell Research and Therapy</i> , 2020, 11, 374.	2.4	5
23	Vitamin D increases killing of intracellular <i>Leishmania amazonensis</i> in vitro independently of macrophage oxidative mechanisms. <i>Parasitology</i> , 2020, 147, 1792-1800.	0.7	3
24	Compartmentalized cytotoxic immune response leads to distinct pathogenic roles of natural killer and senescent CD8 + T cells in human cutaneous leishmaniasis. <i>Immunology</i> , 2020, 159, 429-440.	2.0	12
25	Immunomodulatory Role of Capsular Polysaccharides Constituents of <i>Cryptococcus neoformans</i> . <i>Frontiers in Medicine</i> , 2019, 6, 129.	1.2	49
26	Characterization of Sv129 Mice as a Susceptible Model to <i>Leishmania amazonensis</i> . <i>Frontiers in Medicine</i> , 2019, 6, 100.	1.2	2
27	Nanoencapsulated retinoic acid as a safe tolerogenic adjuvant for intranasal vaccination against cutaneous leishmaniasis. <i>Vaccine</i> , 2019, 37, 3660-3667.	1.7	20
28	Dietary Vitamin D3 Deficiency Increases Resistance to <i>Leishmania (Leishmania) amazonensis</i> Infection in Mice. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 88.	1.8	9
29	Pam3CSK4 adjuvant given intranasally boosts anti- <i>Leishmania</i> immunogenicity but not protective immune responses conferred by LaAg vaccine against visceral leishmaniasis. <i>Microbes and Infection</i> , 2019, 21, 328-335.	1.0	7
30	The role of TLR9 on <i>Leishmania amazonensis</i> infection and its influence on intranasal LaAg vaccine efficacy. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007146.	1.3	15
31	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> , 2019, 9, 20275.	1.6	27
32	Leishmanicidal therapy targeted to parasite proteases. <i>Life Sciences</i> , 2019, 219, 163-181.	2.0	24
33	How to B(e)-1 Important Cell During <i>Leishmania</i> Infection. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 424.	1.8	10
34	Involvement of the capsular GalXM-induced IL-17 cytokine in the control of <i>Cryptococcus neoformans</i> infection. <i>Scientific Reports</i> , 2018, 8, 16378.	1.6	15
35	TLR9 Signaling Suppresses the Canonical Plasma Cell Differentiation Program in Follicular B Cells. <i>Frontiers in Immunology</i> , 2018, 9, 2281.	2.2	7
36	<i>Trypanosoma cruzi</i> Infection Induces Cellular Stress Response and Senescence-Like Phenotype in Murine Fibroblasts. <i>Frontiers in Immunology</i> , 2018, 9, 1569.	2.2	17

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37	Vaccination With Recombinant Filamentous fd Phages Against Parasite Infection Requires TLR9 Expression. <i>Frontiers in Immunology</i> , 2018, 9, 1173.	2.2	12
38	Immunomodulating role of IL-10-producing B cells in <i>Leishmania amazonensis</i> infection. <i>Cellular Immunology</i> , 2018, 334, 20-30.	1.4	33
39	Circulating Senescent T Cells Are Linked to Systemic Inflammation and Lesion Size During Human Cutaneous Leishmaniasis. <i>Frontiers in Immunology</i> , 2018, 9, 3001.	2.2	28
40	Oligopeptidase B and B2: comparative modelling and virtual screening as searching tools for new antileishmanial compounds. <i>Parasitology</i> , 2017, 144, 536-545.	0.7	11
41	The role of the P2X7 receptor in murine cutaneous leishmaniasis: aspects of inflammation and parasite control. <i>Purinergic Signalling</i> , 2017, 13, 143-152.	1.1	29
42	Implication of Apoptosis for the Pathogenesis of <i>Trypanosoma cruzi</i> Infection. <i>Frontiers in Immunology</i> , 2017, 8, 518.	2.2	21
43	Effects of Bone Marrow Mesenchymal Stromal Cell Therapy in Experimental Cutaneous Leishmaniasis in BALB/c Mice Induced by <i>Leishmania amazonensis</i> . <i>Frontiers in Immunology</i> , 2017, 8, 893.	2.2	21
44	Dependency of B-1 Cells in the Maintenance of Splenic Interleukin-10 Producing Cells and Impairment of Macrophage Resistance in Visceral Leishmaniasis. <i>Frontiers in Microbiology</i> , 2017, 8, 978.	1.5	12
45	B-1 cells modulate the murine macrophage response to <i>Leishmania major</i> infection. <i>World Journal of Biological Chemistry</i> , 2017, 8, 151.	1.7	18
46	Role of <i>Trypanosoma cruzi</i> Trans-sialidase on the Escape from Host Immune Surveillance. <i>Frontiers in Microbiology</i> , 2016, 7, 348.	1.5	52
47	Efficacy of intranasal LaAg vaccine against <i>Leishmania amazonensis</i> infection in partially resistant C57Bl/6 mice. <i>Parasites and Vectors</i> , 2016, 9, 534.	1.0	23
48	Diet-induced obesity promotes systemic inflammation and increased susceptibility to murine visceral leishmaniasis. <i>Parasitology</i> , 2016, 143, 1647-1655.	0.7	15
49	Intranasal vaccination with adjuvant-free <i>S. aureus</i> antigens effectively protects mice against experimental sepsis. <i>Vaccine</i> , 2016, 34, 3493-3499.	1.7	5
50	Intranasal vaccination with killed <i>Leishmania amazonensis</i> promastigotes antigen (LaAg) associated with CAF01 adjuvant induces partial protection in BALB/c mice challenged with <i>Leishmania (infantum) chagasi</i> . <i>Parasitology</i> , 2015, 142, 1640-1646.	0.7	17
51	Interactions between Neutrophils and <i>Leishmania braziliensis</i> Amastigotes Facilitate Cell Activation and Parasite Clearance. <i>Journal of Innate Immunity</i> , 2015, 7, 354-363.	1.8	39
52	Capsular polysaccharides from <i>Cryptococcus neoformans</i> modulate production of neutrophil extracellular traps (NETs) by human neutrophils. <i>Scientific Reports</i> , 2015, 5, 8008.	1.6	110
53	The PGE2/IL-10 Axis Determines Susceptibility of B-1 Cell-Derived Phagocytes (B-1CDP) to <i>Leishmania major</i> Infection. <i>PLoS ONE</i> , 2015, 10, e0124888.	1.1	39
54	Intranasal vaccination with extracellular serine proteases of <i>Leishmania amazonensis</i> confers protective immunity to BALB/c mice against infection. <i>Parasites and Vectors</i> , 2014, 7, 448.	1.0	22

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55	The Comparative Genomics and Phylogenomics of <i>Leishmania Amazonensis</i> Parasite. Evolutionary Bioinformatics, 2014, 10, EBO.S13759.	0.6	23
56	The stepwise selection for ketoconazole resistance induces upregulation of C14-demethylase (CYP51) in <i>Leishmania amazonensis</i> . Memorias Do Instituto Oswaldo Cruz, 2012, 107, 416-419.	0.8	11
57	Peripheral expression of LACK-mRNA induced by intranasal vaccination with PCI-NEO-LACK defines the protection duration against murine visceral leishmaniasis. Parasitology, 2012, 139, 1562-1569.	0.7	13
58	Serine Proteases and Vaccines against Leishmaniasis: A Dual Role. Journal of Vaccines & Vaccination, 2012, 06, .	0.3	2
59	Intranasal immunization with LACK-DNA promotes protective immunity in hamsters challenged with <i>Leishmania chagasi</i> . Parasitology, 2011, 138, 1892-1897.	0.7	12
60	Serine proteases of <i>Leishmania amazonensis</i> as immunomodulatory and disease-aggravating components of the crude LaAg vaccine. Vaccine, 2010, 28, 5491-5496.	1.7	19
61	Structural characterization and low-resolution model of BJ-48, a thrombin-like enzyme from <i>Bothrops jararacussu</i> venom. Biophysical Chemistry, 2008, 132, 159-164.	1.5	5
62	Oligopeptidase B-2 from <i>Leishmania amazonensis</i> with an unusual C-terminal extension. Acta Parasitologica, 2008, 53, .	0.4	15
63	Biological Function and Molecular Mapping of M Antigen in Yeast Phase of <i>Histoplasma capsulatum</i> . PLoS ONE, 2008, 3, e3449.	1.1	43
64	Identification of Serine Proteases from <i>Leishmania braziliensis</i> . Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2007, 62, 373-381.	0.6	22
65	Protection against cutaneous leishmaniasis by intranasal vaccination with lipophosphoglycan. Vaccine, 2007, 25, 2716-2722.	1.7	40
66	BJ-48, a novel thrombin-like enzyme from the <i>Bothrops jararacussu</i> venom with high selectivity for Arg over Lys in P1: Role of N-glycosylation in thermostability and active site accessibility. Toxicon, 2007, 50, 18-31.	0.8	40
67	Identification and characterization of proteases from skin mucus of tambacu, a Neotropical hybrid fish. Fish Physiology and Biochemistry, 2007, 33, 173-179.	0.9	25
68	Oligopeptidase B from <i>L. amazonensis</i> : molecular cloning, gene expression analysis and molecular model. Parasitology Research, 2007, 101, 853-863.	0.6	20
69	Oligopeptidase B from <i>Leishmania amazonensis</i> : molecular cloning, gene expression analysis and molecular model. Parasitology Research, 2007, 101, 865-875.	0.6	21
70	Optimization of sample preparation from skin mucus of a neotropical fish for two-dimensional substrate gel electrophoresis. Analytical Biochemistry, 2006, 357, 153-155.	1.1	0
71	Binding of extracellular matrix proteins to <i>Paracoccidioides brasiliensis</i> . Microbes and Infection, 2006, 8, 1550-1559.	1.0	66
72	TGF- $\beta$ 2-associated enhanced susceptibility to leishmaniasis following intramuscular vaccination of mice with <i>Leishmania amazonensis</i> antigens. Microbes and Infection, 2005, 7, 1317-1323.	1.0	41

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73	ELISA for early diagnosis of histoplasmosis. Journal of Medical Microbiology, 2004, 53, 509-514.	0.7	40
74	PCR Assay for Identification of Histoplasma capsulatum Based on the Nucleotide Sequence of the M Antigen. Journal of Clinical Microbiology, 2003, 41, 535-539.	1.8	70
75	Aspartic Proteinase in Dugesia tigrina (Girard) Planaria. Zeitschrift Fur Naturforschung - Section C Journal of Biosciences, 2002, 57, 541-547.	0.6	3
76	Anti-Leishmania Effects of Volatile Oils and Their Isolates. Revista Brasileira De Farmacognosia, 0, , 1.	0.6	11