

Miguel Angel Chavez Fumagalli

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32
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93
ext. papers

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L-index

#	Paper	IF	Citations
91	Identification of proteins in promastigote and amastigote-like Leishmania using an immunoproteomic approach. <i>PLoS Neglected Tropical Diseases</i> , 2012 , 6, e1430	4.8	77
90	Antigenicity and protective efficacy of a Leishmania amastigote-specific protein, member of the super-oxygenase family, against visceral leishmaniasis. <i>PLoS Neglected Tropical Diseases</i> , 2013 , 7, e2148	4.8	59
89	Leishmanicidal activity of the <i>Agaricus blazei</i> Murill in different Leishmania species. <i>Parasitology International</i> , 2011 , 60, 357-63	2.1	58
88	New delivery systems for amphotericin B applied to the improvement of leishmaniasis treatment. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2015 , 48, 235-42	1.5	56
87	Proteins Selected in Leishmania (<i>Viannia</i>) <i>braziliensis</i> by an Immunoproteomic Approach with Potential Serodiagnosis Applications for Tegumentary Leishmaniasis. <i>Vaccine Journal</i> , 2015 , 22, 1187-96		46
86	Evaluation of parasitological and immunological parameters of Leishmania <i>chagasi</i> infection in BALB/c mice using different doses and routes of inoculation of parasites. <i>Parasitology Research</i> , 2012 , 110, 1277-85	2.4	45
85	Novel targeting using nanoparticles: an approach to the development of an effective anti-leishmanial drug-delivery system. <i>International Journal of Nanomedicine</i> , 2014 , 9, 877-90	7.3	39
84	Vaccination with the Leishmania <i>infantum</i> ribosomal proteins induces protection in BALB/c mice against Leishmania <i>chagasi</i> and Leishmania <i>amazonensis</i> challenge. <i>Microbes and Infection</i> , 2010 , 12, 967-77	9.3	38
83	Recent updates and perspectives on approaches for the development of vaccines against visceral leishmaniasis. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2016 , 49, 398-407	1.5	37
82	Antileishmanial activity and cytotoxicity of Brazilian plants. <i>Experimental Parasitology</i> , 2014 , 143, 60-8	2.1	32
81	A Leishmania-specific hypothetical protein expressed in both promastigote and amastigote stages of Leishmania <i>infantum</i> employed for the serodiagnosis of, and as a vaccine candidate against, visceral leishmaniasis. <i>Parasites and Vectors</i> , 2015 , 8, 363	4	31
80	Poloxamer 407 (Pluronic(®) F127)-based polymeric micelles for amphotericin B: In vitro biological activity, toxicity and in vivo therapeutic efficacy against murine tegumentary leishmaniasis. <i>Experimental Parasitology</i> , 2016 , 169, 34-42	2.1	30
79	Prophylactic properties of a Leishmania-specific hypothetical protein in a murine model of visceral leishmaniasis. <i>Parasite Immunology</i> , 2015 , 37, 646-56	2.2	30
78	An optimized nanoparticle delivery system based on chitosan and chondroitin sulfate molecules reduces the toxicity of amphotericin B and is effective in treating tegumentary leishmaniasis. <i>International Journal of Nanomedicine</i> , 2014 , 9, 5341-53	7.3	30
77	Specific serodiagnosis of canine visceral leishmaniasis using Leishmania species ribosomal protein extracts. <i>Vaccine Journal</i> , 2009 , 16, 1774-80		30
76	Cross-protective effect of a combined L5 plus L3 Leishmania major ribosomal protein based vaccine combined with a Th1 adjuvant in murine cutaneous and visceral leishmaniasis. <i>Parasites and Vectors</i> , 2014 , 7, 3	4	29
75	Mimotope-based vaccines of Leishmania <i>infantum</i> antigens and their protective efficacy against visceral leishmaniasis. <i>PLoS ONE</i> , 2014 , 9, e110014	3.7	28

74	Antileishmanial Activity, Cytotoxicity and Mechanism of Action of Clioquinol Against Leishmania infantum and Leishmania amazonensis Species. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2018 , 123, 236-246	3.1	27
73	Identification of immune biomarkers related to disease progression and treatment efficacy in human visceral leishmaniasis. <i>Immunobiology</i> , 2018 , 223, 303-309	3.4	27
72	Recombinant prohibitin protein of Leishmania infantum acts as a vaccine candidate and diagnostic marker against visceral leishmaniasis. <i>Cellular Immunology</i> , 2018 , 323, 59-69	4.4	27
71	Antileishmanial activity and evaluation of the mechanism of action of strychnobiflavone flavonoid isolated from Strychnos pseudoquina against Leishmania infantum. <i>Parasitology Research</i> , 2015 , 114, 4625-35	2.4	25
70	Identification of differentially expressed proteins from Leishmania amazonensis associated with the loss of virulence of the parasites. <i>PLoS Neglected Tropical Diseases</i> , 2014 , 8, e2764	4.8	25
69	A new Leishmania-specific hypothetical protein and its non-described specific B cell conformational epitope applied in the serodiagnosis of canine visceral leishmaniasis. <i>Parasitology Research</i> , 2016 , 115, 1649-58	2.4	24
68	Evaluation of two recombinant Leishmania proteins identified by an immunoproteomic approach as tools for the serodiagnosis of canine visceral and human tegumentary leishmaniasis. <i>Veterinary Parasitology</i> , 2016 , 215, 63-71	2.8	24
67	Antileishmanial activity and mechanism of action from a purified fraction of Zingiber officinalis Roscoe against Leishmania amazonensis. <i>Experimental Parasitology</i> , 2016 , 166, 21-8	2.1	24
66	Sensitive and specific serodiagnosis of Leishmania infantum infection in dogs by using peptides selected from hypothetical proteins identified by an immunoproteomic approach. <i>Vaccine Journal</i> , 2013 , 20, 835-41		23
65	Prophylactic or therapeutic administration of Agaricus blazei Murill is effective in treatment of murine visceral leishmaniasis. <i>Experimental Parasitology</i> , 2012 , 132, 228-36	2.1	22
64	Leishmania infantum mimotopes and a phage-ELISA assay as tools for a sensitive and specific serodiagnosis of human visceral leishmaniasis. <i>Diagnostic Microbiology and Infectious Disease</i> , 2017 , 87, 219-225	2.9	21
63	Strychnos pseudoquina and Its Purified Compounds Present an Effective In Vitro Antileishmanial Activity. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013 , 2013, 304354	2.3	21
62	In vivo antileishmanial efficacy of a naphthoquinone derivate incorporated into a Pluronic F127-based polymeric micelle system against Leishmania amazonensis infection. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 109, 779-787	7.5	21
61	Vaccination with a CD4 and CD8 T-cell epitopes-based recombinant chimeric protein derived from Leishmania infantum proteins confers protective immunity against visceral leishmaniasis. <i>Translational Research</i> , 2018 , 200, 18-34	11	20
60	Serological diagnosis and prognostic of tegumentary and visceral leishmaniasis using a conserved Leishmania hypothetical protein. <i>Parasitology International</i> , 2018 , 67, 344-350	2.1	19
59	Phage-fused epitopes from Leishmania infantum used as immunogenic vaccines confer partial protection against Leishmania amazonensis infection. <i>Parasitology</i> , 2015 , 142, 1335-47	2.7	19
58	Subtractive phage display selection from canine visceral leishmaniasis identifies novel epitopes that mimic Leishmania infantum antigens with potential serodiagnosis applications. <i>Vaccine Journal</i> , 2014 , 21, 96-106		19
57	Antigenicity of phage clones and their synthetic peptides for the serodiagnosis of canine and human visceral leishmaniasis. <i>Microbial Pathogenesis</i> , 2017 , 110, 14-22	3.8	18

56	Evaluation of adjuvant activity of fractions derived from <i>Agaricus blazei</i> , when in association with the recombinant LiHyp1 protein, to protect against visceral leishmaniasis. <i>Experimental Parasitology</i> , 2015 , 153, 180-90	2.1	18
55	A new <i>Leishmania</i> -specific hypothetical protein, LiHyT, used as a vaccine antigen against visceral leishmaniasis. <i>Acta Tropica</i> , 2016 , 154, 73-81	3.2	18
54	Therapeutic efficacy induced by the oral administration of <i>Agaricus blazei</i> Murill against <i>Leishmania amazonensis</i> . <i>Parasitology Research</i> , 2012 , 111, 1807-16	2.4	18
53	An ELISA immunoassay employing a conserved <i>Leishmania</i> hypothetical protein for the serodiagnosis of visceral and tegumentary leishmaniasis in dogs and humans. <i>Cellular Immunology</i> , 2017 , 318, 42-48	4.4	17
52	Antileishmanial activity of a naphthoquinone derivate against promastigote and amastigote stages of <i>Leishmania infantum</i> and <i>Leishmania amazonensis</i> and its mechanism of action against <i>L. amazonensis</i> species. <i>Parasitology Research</i> , 2018 , 117, 391-403	2.4	17
51	A <i>Leishmania</i> hypothetical protein-containing liposome-based formulation is highly immunogenic and induces protection against visceral leishmaniasis. <i>Cytokine</i> , 2018 , 111, 131-139	4	17
50	Theranostic applications of phage display to control leishmaniasis: selection of biomarkers for serodiagnostics, vaccination, and immunotherapy. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2015 , 48, 370-9	1.5	17
49	Antileishmanial activity of standardized fractions of <i>Stryphnodendron obovatum</i> (Barbatimã) extract and constituent compounds. <i>Journal of Ethnopharmacology</i> , 2015 , 165, 238-42	5	16
48	New serological tools for improved diagnosis of human tegumentary leishmaniasis. <i>Journal of Immunological Methods</i> , 2016 , 434, 39-45	2.5	16
47	A Pluronic® F127-based polymeric micelle system containing an antileishmanial molecule is immunotherapeutic and effective in the treatment against <i>Leishmania amazonensis</i> infection. <i>Parasitology International</i> , 2019 , 68, 63-72	2.1	15
46	Evaluation of a hypothetical protein for serodiagnosis and as a potential marker for post-treatment serological evaluation of tegumentary leishmaniasis patients. <i>Parasitology Research</i> , 2017 , 116, 1197-1206	2.4	14
45	Selection strategy of phage-displayed immunogens based on an in vitro evaluation of the Th1 response of PBMCs and their potential use as a vaccine against <i>Leishmania infantum</i> infection. <i>Parasites and Vectors</i> , 2017 , 10, 617	4	14
44	Potential application of small myristoylated protein-3 evaluated as recombinant antigen and a synthetic peptide containing its linear B-cell epitope for the serodiagnosis of canine visceral and human tegumentary leishmaniasis. <i>Immunobiology</i> , 2019 , 224, 163-171	3.4	14
43	An in silico functional annotation and screening of potential drug targets derived from <i>Leishmania</i> spp. hypothetical proteins identified by immunoproteomics. <i>Experimental Parasitology</i> , 2017 , 176, 66-74	2.1	13
42	A clioquinol-containing Pluronic F127 polymeric micelle system is effective in the treatment of visceral leishmaniasis in a murine model. <i>Parasite</i> , 2020 , 27, 29	3	13
41	Small Myristoylated Protein-3, Identified as a Potential Virulence Factor in <i>Leishmania amazonensis</i> , Proves to be a Protective Antigen against Visceral Leishmaniasis. <i>International Journal of Molecular Sciences</i> , 2018 , 19,	6.3	13
40	Antigenicity, Immunogenicity and Protective Efficacy of Three Proteins Expressed in the Promastigote and Amastigote Stages of <i>Leishmania infantum</i> against Visceral Leishmaniasis. <i>PLoS ONE</i> , 2015 , 10, e0137683	3.7	13
39	Screening diagnostic candidates from proteins for human visceral leishmaniasis using an immunoproteomics approach. <i>Parasitology</i> , 2019 , 146, 1467-1476	2.7	12

38	Cross-protective efficacy of Leishmania infantum LiHyD protein against tegumentary leishmaniasis caused by Leishmania major and Leishmania braziliensis species. <i>Acta Tropica</i> , 2016 , 158, 220-230	3.2	12
37	Probing the efficacy of a heterologous Leishmania/L. Viannia braziliensis recombinant enolase as a candidate vaccine to restrict the development of L. infantum in BALB/c mice. <i>Acta Tropica</i> , 2017 , 171, 8-16	3.2	11
36	A conserved Leishmania hypothetical protein evaluated for the serodiagnosis of canine and human visceral and tegumentary leishmaniasis, as well as a serological marker for the posttreatment patient follow-up. <i>Diagnostic Microbiology and Infectious Disease</i> , 2018 , 92, 196-203	2.9	11
35	Immunogenicity and protective efficacy of a new Leishmania hypothetical protein applied as a DNA vaccine or in a recombinant form against Leishmania infantum infection. <i>Molecular Immunology</i> , 2019 , 106, 108-118	4.3	11
34	Recombinant small glutamine-rich tetratricopeptide repeat-containing protein of Leishmania infantum: Potential vaccine and diagnostic application against visceral leishmaniasis. <i>Molecular Immunology</i> , 2017 , 91, 272-281	4.3	10
33	High-through identification of T cell-specific phage-exposed mimotopes using PBMCs from tegumentary leishmaniasis patients and their use as vaccine candidates against Leishmania amazonensis infection. <i>Parasitology</i> , 2019 , 146, 322-332	2.7	10
32	Antigenicity, immunogenicity and protective efficacy of a conserved Leishmania hypothetical protein against visceral leishmaniasis. <i>Parasitology</i> , 2018 , 145, 740-751	2.7	10
31	Diagnostic application of recombinant Leishmania proteins and evaluation of their in vitro immunogenicity after stimulation of immune cells collected from tegumentary leishmaniasis patients and healthy individuals. <i>Cellular Immunology</i> , 2018 , 334, 61-69	4.4	10
30	A biomarker for tegumentary and visceral leishmaniasis based on a recombinant Leishmania hypothetical protein. <i>Immunobiology</i> , 2019 , 224, 477-484	3.4	9
29	Evaluation of the in vitro and in vivo antileishmanial activity of a chloroquinolin derivative against Leishmania species capable of causing tegumentary and visceral leishmaniasis. <i>Experimental Parasitology</i> , 2019 , 199, 30-37	2.1	9
28	Diagnostic evaluation of the amastin protein from Leishmania infantum in canine and human visceral leishmaniasis and immunogenicity in human cells derived from patients and healthy controls. <i>Diagnostic Microbiology and Infectious Disease</i> , 2019 , 95, 134-143	2.9	8
27	Recombinant Leishmania eukaryotic elongation factor-1 beta protein: A potential diagnostic antigen to detect tegumentary and visceral leishmaniasis in dogs and humans. <i>Microbial Pathogenesis</i> , 2019 , 137, 103783	3.8	8
26	Performance of Leishmania braziliensis enolase protein for the serodiagnosis of canine and human visceral leishmaniosis. <i>Veterinary Parasitology</i> , 2017 , 238, 77-81	2.8	7
25	Leishmania infantum amastin protein incorporated in distinct adjuvant systems induces protection against visceral leishmaniasis. <i>Cytokine</i> , 2020 , 129, 155031	4	7
24	A chloroquinoline derivate presents effective in vitro and in vivo antileishmanial activity against Leishmania species that cause tegumentary and visceral leishmaniasis. <i>Parasitology International</i> , 2019 , 73, 101966	2.1	7
23	A Leishmania infantum hypothetical protein evaluated as a recombinant protein and specific B-cell epitope for the serodiagnosis and prognosis of visceral leishmaniasis. <i>Acta Tropica</i> , 2020 , 203, 105318	3.2	7
22	In silico Leishmania proteome mining applied to identify drug target potential to be used to treat against visceral and tegumentary leishmaniasis. <i>Journal of Molecular Graphics and Modelling</i> , 2019 , 87, 89-97	2.8	7
21	Evaluation of a Leishmania hypothetical protein administered as DNA vaccine or recombinant protein against Leishmania infantum infection and its immunogenicity in humans. <i>Cellular Immunology</i> , 2018 , 331, 67-77	4.4	6

20	A Computational Approach Using Bioinformatics to Screening Drug Targets for Species. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018 , 2018, 6813467	2.3	6
19	In vitro and in vivo antileishmanial activity of a fluoroquinoline derivate against <i>Leishmania infantum</i> and <i>Leishmania amazonensis</i> species. <i>Acta Tropica</i> , 2019 , 191, 29-37	3.2	5
18	A new <i>Leishmania</i> hypothetical protein can be used for accurate serodiagnosis of canine and human visceral leishmaniasis and as a potential prognostic marker for human disease. <i>Experimental Parasitology</i> , 2020 , 216, 107941	2.1	4
17	Parasitological and immunological evaluation of a novel chemotherapeutic agent against visceral leishmaniasis. <i>Parasite Immunology</i> , 2020 , 42, e12784	2.2	4
16	Large expert-curated database for benchmarking document similarity detection in biomedical literature search. <i>Database: the Journal of Biological Databases and Curation</i> , 2019 , 2019,	5	4
15	Evaluation of <i>Leishmania infantum</i> pyridoxal kinase protein for the diagnosis of human and canine visceral leishmaniasis. <i>Immunology Letters</i> , 2020 , 220, 11-20	4.1	3
14	Cross-protective efficacy from a immunogen firstly identified in <i>Leishmania infantum</i> against tegumentary leishmaniasis. <i>Parasite Immunology</i> , 2016 , 38, 108-17	2.2	3
13	In vitro and in vivo antileishmanial activity of Bacetyl-digitoxin, a cardenolide of <i>Digitalis lanata</i> potentially useful to treat visceral leishmaniasis. <i>Parasite</i> , 2021 , 28, 38	3	3
12	Evaluation of the protective efficacy of a <i>Leishmania</i> protein associated with distinct adjuvants against visceral leishmaniasis and in vitro immunogenicity in human cells. <i>Parasitology Research</i> , 2020 , 119, 2609-2622	2.4	2
11	Biotechnological applications from a <i>Leishmania</i> amastigote-specific hypothetical protein in the canine and human visceral leishmaniasis. <i>Microbial Pathogenesis</i> , 2020 , 147, 104283	3.8	2
10	Serodiagnosis of canine leishmaniasis using a novel recombinant chimeric protein constructed with distinct B-cell epitopes from antigenic <i>Leishmania infantum</i> proteins. <i>Veterinary Parasitology</i> , 2021 , 296, 109513	2.8	2
9	Sensitive and specific serodiagnosis of tegumentary leishmaniasis using a new chimeric protein based on specific B-cell epitopes of <i>Leishmania</i> antigenic proteins. <i>Microbial Pathogenesis</i> , 2021 , 162, 105341	3.8	1
8	<i>Leishmania</i> eukaryotic elongation Factor-1 beta protein is immunogenic and induces parasitological protection in mice against <i>Leishmania infantum</i> infection. <i>Microbial Pathogenesis</i> , 2021 , 151, 104745	3.8	1
7	Potential of recombinant LiHyQ, a novel <i>Leishmania infantum</i> protein, for the diagnosis of canine visceral leishmaniasis and as a diagnostic and prognostic marker for human leishmaniasis and human immunodeficiency virus co-infection: A preliminary study. <i>Acta Tropica</i> , 2021 , 224, 106126	3.2	1
6	Flau-A, a naphthoquinone derivative, is a promising therapeutic candidate against visceral leishmaniasis: A preliminary study.. <i>Experimental Parasitology</i> , 2021 , 233, 108205	2.1	0
5	Diagnostic application of sensitive and specific phage-exposed epitopes for visceral leishmaniasis and human immunodeficiency virus coinfection.. <i>Parasitology</i> , 2021 , 148, 1706-1714	2.7	0
4	Recombinant guanosine-5Ztriphosphate (GTP)-binding protein associated with Poloxamer 407-based polymeric micelles protects against <i>Leishmania infantum</i> infection.. <i>Cytokine</i> , 2022 , 153, 155865	4	0
3	A recombinant <i>Leishmania</i> amastigote-specific protein, rLiHyG, with adjuvants, protects against infection with <i>Leishmania infantum</i> .. <i>Acta Tropica</i> , 2022 , 230, 106412	3.2	0

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| 2 | Leishmania LiHyC protein is immunogenic and induces protection against visceral leishmaniasis.. <i>Parasite Immunology</i> , 2022 , e12921 | 2.2 | ○ |
| 1 | Evaluation from a B-cell epitope-based chimeric protein for the serodiagnosis of tegumentary and visceral leishmaniasis.. <i>Microbial Pathogenesis</i> , 2022 , 167, 105562 | 3.8 | ○ |