

Bartira Rossi-Bergmann

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93
papers

2,467
citations

29
h-index

45
g-index

96
ext. papers

2,756
ext. citations

3.8
avg, IF

4.52
L-index

#	Paper	IF	Citations
93	Synthesis of chalcone analogues with increased antileishmanial activity. <i>Bioorganic and Medicinal Chemistry</i> , 2006 , 14, 1538-45	3.4	172
92	Selective effect of 2S6Sdihydroxy-4Smethoxychalcone isolated from Piper aduncum on Leishmania amazonensis. <i>Antimicrobial Agents and Chemotherapy</i> , 1999 , 43, 1234-41	5.9	146
91	The antileishmanial activity assessment of unusual flavonoids from Kalanchoe pinnata. <i>Phytochemistry</i> , 2006 , 67, 2071-7	4	113
90	Quercitrin: an antileishmanial flavonoid glycoside from Kalanchoe pinnata. <i>Planta Medica</i> , 2006 , 72, 81-33.1		95
89	Antileishmanial activity of isolated triterpenoids from Pourouma guianensis. <i>Phytomedicine</i> , 2004 , 11, 114-20	6.5	80
88	Oral delivery of meglumine antimoniate-beta-cyclodextrin complex for treatment of leishmaniasis. <i>Antimicrobial Agents and Chemotherapy</i> , 2004 , 48, 100-3	5.9	65
87	Modulation of P2X(7) purinergic receptor in macrophages by Leishmania amazonensis and its role in parasite elimination. <i>Microbes and Infection</i> , 2009 , 11, 842-9	9.3	64
86	MyD88-dependent TLR1/2 signals educate dendritic cells with gut-specific imprinting properties. <i>Journal of Immunology</i> , 2011 , 187, 141-50	5.3	64
85	Antileishmanial sesquiterpenes from the Brazilian red alga Laurencia dendroidea. <i>Planta Medica</i> , 2011 , 77, 733-5	3.1	59
84	Immunomodulatory pretreatment with Kalanchoe pinnata extract and its quercitrin flavonoid effectively protects mice against fatal anaphylactic shock. <i>International Immunopharmacology</i> , 2008 , 8, 1616-21	5.8	59
83	Therapeutic effect of oral Kalanchoe pinnata leaf extract in murine leishmaniasis. <i>Acta Tropica</i> , 1995 , 60, 201-10	3.2	56
82	Oral metabolism and efficacy of Kalanchoe pinnata flavonoids in a murine model of cutaneous leishmaniasis. <i>Planta Medica</i> , 2009 , 75, 307-11	3.1	52
81	Repurposing as a strategy for the discovery of new anti-leishmanials: the-state-of-the-art. <i>Parasitology</i> , 2018 , 145, 219-236	2.7	52
80	Improvement of in vitro and in vivo antileishmanial activities of 2S 6Sdihydroxy-4Smethoxychalcone by entrapment in poly(D,L-lactide) nanoparticles. <i>Antimicrobial Agents and Chemotherapy</i> , 1999 , 43, 1776-8	5.9	50
79	Semisolid formulation containing a nanoencapsulated sunscreen: effectiveness, in vitro photostability and immune response. <i>Journal of Biomedical Nanotechnology</i> , 2009 , 5, 240-6	4	49
78	Intranasal vaccination against cutaneous leishmaniasis with a particulated leishmanial antigen or DNA encoding LACK. <i>Infection and Immunity</i> , 2004 , 72, 4521-7	3.7	47
77	Kalanchoe pinnata inhibits mast cell activation and prevents allergic airway disease. <i>Phytomedicine</i> , 2012 , 19, 115-21	6.5	44

76	Antitumoral, antileishmanial and antimalarial activity of pentacyclic 1,4-naphthoquinone derivatives. <i>Journal of the Brazilian Chemical Society</i> , 2009 , 20, 176-182	1.5	42
75	Influence of cultivation conditions, season of collection and extraction method on the content of antileishmanial flavonoids from <i>Kalanchoe pinnata</i> . <i>Journal of Ethnopharmacology</i> , 2011 , 133, 132-7	5	39
74	Interferon-gamma is required for the late but not early control of <i>Leishmania amazonensis</i> infection in C57Bl/6 mice. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2007 , 102, 79-82	2.6	38
73	Immunosuppressive effect of the aqueous extract of <i>Kalanchoe pinnata</i> in mice. <i>Phytotherapy Research</i> , 1994 , 8, 399-402	6.7	35
72	The T-cell energy induced by <i>Leishmania amazonensis</i> antigens is related with defective antigen presentation and apoptosis. <i>Anais Da Academia Brasileira De Ciencias</i> , 2004 , 76, 519-27	1.4	34
71	Fluorescent-Labeled Poly(E-caprolactone) Lipid-Core Nanocapsules: Synthesis, Physicochemical Properties and Macrophage Uptake. <i>Journal of Colloid Science and Biotechnology</i> , 2012 , 1, 89-98		34
70	TGF-beta-associated enhanced susceptibility to leishmaniasis following intramuscular vaccination of mice with <i>Leishmania amazonensis</i> antigens. <i>Microbes and Infection</i> , 2005 , 7, 1317-23	9.3	33
69	Effectiveness of the local or oral delivery of the novel naphthopterocarpanquinone LQB-118 against cutaneous leishmaniasis. <i>Journal of Antimicrobial Chemotherapy</i> , 2011 , 66, 1555-9	5.1	32
68	Interferon-gamma-inducing oral vaccination with <i>Leishmania amazonensis</i> antigens protects BALB/c and C57BL/6 mice against cutaneous leishmaniasis. <i>Vaccine</i> , 2003 , 21, 3534-41	4.1	32
67	Infection with <i>Leishmania amazonensis</i> upregulates purinergic receptor expression and induces host-cell susceptibility to UTP-mediated apoptosis. <i>Cellular Microbiology</i> , 2011 , 13, 1410-28	3.9	31
66	Altered sterol profile induced in <i>Leishmania amazonensis</i> by a natural dihydroxymethoxylated chalcone. <i>Journal of Antimicrobial Chemotherapy</i> , 2009 , 63, 469-72	5.1	30
65	Isolation and chemical analysis of a fatty acid fraction of <i>Kalanchoe pinnata</i> with a potent lymphocyte suppressive activity. <i>Planta Medica</i> , 2000 , 66, 134-7	3.1	30
64	Intranasal delivery of naked DNA encoding the LACK antigen leads to protective immunity against visceral leishmaniasis in mice. <i>Vaccine</i> , 2007 , 25, 2168-72	4.1	29
63	Nanostructured polymer and lipid carriers for sunscreen. Biological effects and skin permeation. <i>Journal of Nanoscience and Nanotechnology</i> , 2011 , 11, 1880-6	1.3	28
62	Preparation and evaluation of chitosan/hydrophobic silica composite microspheres: Role of hydrophobic silica in modifying their properties. <i>Powder Technology</i> , 2014 , 255, 109-119	5.2	27
61	Therapeutic Potential of Biogenic Silver Nanoparticles in Murine Cutaneous Leishmaniasis. <i>Journal of Nano Research</i> , 2012 , 20, 89-97	1	27
60	Toxicological analysis and effectiveness of oral <i>Kalanchoe pinnata</i> on a human case of cutaneous leishmaniasis. <i>Phytotherapy Research</i> , 2003 , 17, 801-3	6.7	27
59	Inhibition of lymphocyte activation by extracts and fractions of <i>Kalanchoe</i> , <i>Alternanthera</i> , <i>Paullinia</i> and <i>Mikania</i> species. <i>Phytomedicine</i> , 1994 , 1, 199-204	6.5	27

58	High selective leishmanicidal activity of 3-hydroxy-2-methylene-3-(4-bromophenyl)propanenitrile and analogous compounds. <i>European Journal of Medicinal Chemistry</i> , 2007 , 42, 99-102	6.8	26
57	Effectiveness of the immunomodulatory extract of <i>Kalanchoe pinnata</i> against murine visceral leishmaniasis. <i>Parasitology</i> , 2010 , 137, 613-8	2.7	24
56	Leishmanicidal activity of <i>Himatanthus succuba</i> latex against <i>Leishmania amazonensis</i> . <i>Parasitology International</i> , 2010 , 59, 173-7	2.1	24
55	Structure-activity relationship of antileishmanials neolignan analogues. <i>Bioorganic and Medicinal Chemistry</i> , 2007 , 15, 7337-43	3.4	24
54	Role of residual Sb(III) in meglumine antimoniate cytotoxicity and MRP1-mediated resistance. <i>Chemico-Biological Interactions</i> , 2006 , 160, 217-24	5	24
53	Protection against cutaneous leishmaniasis by intranasal vaccination with lipophosphoglycan. <i>Vaccine</i> , 2007 , 25, 2716-22	4.1	24
52	<i>Cissampelos sympodialis</i> Eichl. (Menispermaceae): oral treatment decreases IgE levels and induces a Th1-skewed cytokine production in ovalbumin-sensitized mice. <i>Journal of Ethnopharmacology</i> , 2004 , 95, 191-7	5	24
51	The role of the P2X7 receptor in murine cutaneous leishmaniasis: aspects of inflammation and parasite control. <i>Purinergic Signalling</i> , 2017 , 13, 143-152	3.8	22
50	How Sorbitan Monostearate Can Increase Drug-Loading Capacity of Lipid-Core Polymeric Nanocapsules. <i>Journal of Nanoscience and Nanotechnology</i> , 2015 , 15, 827-37	1.3	19
49	Lipid-core nanocapsules increase the oral efficacy of quercetin in cutaneous leishmaniasis. <i>Parasitology</i> , 2017 , 144, 1769-1774	2.7	18
48	Ivermectin-derived leishmanicidal compounds. <i>Bioorganic and Medicinal Chemistry</i> , 2009 , 17, 496-502	3.4	18
47	Fabrication of biocompatible and stimuli-responsive hybrid microgels with magnetic properties via aqueous precipitation polymerization. <i>Materials Letters</i> , 2016 , 175, 296-299	3.3	18
46	Identification of serine proteases from <i>Leishmania braziliensis</i> . <i>Zeitschrift Fur Naturforschung - Section C Journal of Biosciences</i> , 2007 , 62, 373-81	1.7	16
45	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	4	15
44	Oligopeptidase B from <i>Leishmania amazonensis</i> : molecular cloning, gene expression analysis and molecular model. <i>Parasitology Research</i> , 2007 , 101, 865-75	2.4	15
43	Hyperbaric oxygen therapy reduces the size of <i>Leishmania amazonensis</i> -induced soft tissue lesions in mice. <i>Acta Tropica</i> , 2006 , 98, 130-6	3.2	15
42	Intranasal vaccination with leishmanial antigens protects golden hamsters (<i>Mesocricetus auratus</i>) against <i>Leishmania (Viannia) Braziliensis</i> infection. <i>PLoS Neglected Tropical Diseases</i> , 2015 , 9, e3439	4.8	14
41	Leishmanicidal activity of <i>Piper marginatum</i> Jacq. from Santarém-PA against <i>Leishmania amazonensis</i> . <i>Experimental Parasitology</i> , 2020 , 210, 107847	2.1	14

40	Optimization of Aqueous Extraction from <i>Kalanchoe pinnata</i> Leaves to Obtain the Highest Content of an Anti-inflammatory Flavonoid using a Response Surface Model. <i>Phytochemical Analysis</i> , 2018 , 29, 308-315	3.4	14
39	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	4	14
38	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, 1640-6	2.7	12
37	Serine proteases of <i>Leishmania amazonensis</i> as immunomodulatory and disease-aggravating components of the crude LaAg vaccine. <i>Vaccine</i> , 2010 , 28, 5491-6	4.1	12
36	Oligopeptidase B-2 from <i>Leishmania amazonensis</i> with an unusual C-terminal extension. <i>Acta Parasitologica</i> , 2008 , 53,	1.7	12
35	Nanoencapsulated retinoic acid as a safe tolerogenic adjuvant for intranasal vaccination against cutaneous leishmaniasis. <i>Vaccine</i> , 2019 , 37, 3660-3667	4.1	11
34	Broad Spectrum and Safety of Oral Treatment with a Promising Nitrosylated Chalcone in Murine Leishmaniasis. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	11
33	Intranasal immunization with LACK-DNA promotes protective immunity in hamsters challenged with <i>Leishmania chagasi</i> . <i>Parasitology</i> , 2011 , 138, 1892-7	2.7	11
32	The C-terminal extension of <i>Leishmania pifanoi</i> amastigote-specific cysteine proteinase Lpcys2: a putative function in macrophage infection. <i>Molecular and Biochemical Parasitology</i> , 2008 , 162, 52-9	1.9	11
31	Bone marrow-derived mononuclear cells promote improvement in glomerular function in rats with early diabetic nephropathy. <i>Cellular Physiology and Biochemistry</i> , 2013 , 32, 699-718	3.9	10
30	Synthesis and characterization of poly(N-vinylcaprolactam)-based spray-dried microparticles exhibiting temperature and pH-sensitive properties for controlled release of ketoprofen. <i>Drug Development and Industrial Pharmacy</i> , 2017 , 43, 1519-1529	3.6	9
29	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	4.8	9
28	Intralesional uridine-5Triphosphate (UTP) treatment induced resistance to <i>Leishmania amazonensis</i> infection by boosting Th immune responses and reactive oxygen species production. <i>Purinergic Signalling</i> , 2018 , 14, 201-211	3.8	9
27	Depot Subcutaneous Injection with Chalcone CH8-Loaded Poly(Lactic-Co-Glycolic Acid) Microspheres as a Single-Dose Treatment of Cutaneous Leishmaniasis. <i>Antimicrobial Agents and Chemotherapy</i> , 2018 , 62,	5.9	9
26	The stepwise selection for ketoconazole resistance induces upregulation of C14-demethylase (CYP51) in <i>Leishmania amazonensis</i> . <i>Memorias Do Instituto Oswaldo Cruz</i> , 2012 , 107, 416-9	2.6	9
25	Use of in vivo and in vitro systems to select <i>Leishmania amazonensis</i> expressing green fluorescent protein. <i>Korean Journal of Parasitology</i> , 2011 , 49, 357-64	1.7	9
24	Novel and safe single-dose treatment of cutaneous leishmaniasis with implantable amphotericin B-loaded microparticles. <i>International Journal for Parasitology: Drugs and Drug Resistance</i> , 2019 , 11, 148-155	4.55	8
23	Peripheral expression of LACK-mRNA induced by intranasal vaccination with PCI-NEO-LACK defines the protection duration against murine visceral leishmaniasis. <i>Parasitology</i> , 2012 , 139, 1562-9	2.7	8

22	Flowers from <i>Kalanchoe pinnata</i> are a rich source of T cell-suppressive flavonoids. <i>Natural Product Communications</i> , 2012 , 7, 175-8	0.9	8
21	Dietary Vitamin D3 Deficiency Increases Resistance to Infection in Mice. <i>Frontiers in Cellular and Infection Microbiology</i> , 2019 , 9, 88	5.9	7
20	Periodate-oxidized ATP modulates macrophage functions during infection with <i>Leishmania amazonensis</i> . <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2014 , 85, 588-600	4.6	6
19	Chemical diversity and antileishmanial activity of crude extracts of <i>Laurencia</i> complex (Ceramiiales, Rhodophyta) from Brazil. <i>Revista Brasileira De Farmacognosia</i> , 2014 , 24, 635-643	2	6
18	New chalcone compound as a promising antileishmanial drug for an old neglected disease: Biological evaluation using radiolabelled biodistribution. <i>Journal of Global Antimicrobial Resistance</i> , 2018 , 13, 139-142	3.4	6
17	Intranasal but not subcutaneous vaccination with LaAg allows rapid expansion of protective immunity against cutaneous leishmaniasis. <i>Vaccine</i> , 2018 , 36, 2480-2486	4.1	5
16	Antileishmanial Chemotherapy through Clemastine Fumarate Mediated Inhibition of the Inositol Phosphorylceramide Synthase. <i>ACS Infectious Diseases</i> , 2021 , 7, 47-63	5.5	5
15	Encapsulation in lipid-core nanocapsules improves topical treatment with the potent antileishmanial compound CH8. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2020 , 24, 102121 ⁶		5
14	Anti-parasitic effect of the diuretic and Na ⁺ -ATPase inhibitor furosemide in cutaneous leishmaniasis. <i>Parasitology</i> , 2017 , 144, 1375-1383	2.7	4
13	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	9.3	4
12	Flowers from <i>Kalanchoe pinnata</i> are a Rich Source of T Cell-Suppressive Flavonoids. <i>Natural Product Communications</i> , 2012 , 7, 1934578X1200700	0.9	4
11	Improved drug loading via spray drying of a chalcone implant for local treatment of cutaneous leishmaniasis. <i>Drug Development and Industrial Pharmacy</i> , 2018 , 44, 1473-1480	3.6	3
10	Performance of Elastic Liposomes for Topical Treatment of Cutaneous Leishmaniasis 2011 , 181-196		3
9	Chalcones identify cTXNPx as a potential antileishmanial drug target. <i>PLoS Neglected Tropical Diseases</i> , 2021 , 15, e0009951	4.8	3
8	Single-dose treatment for cutaneous leishmaniasis with an easily synthesized chalcone entrapped in polymeric microparticles. <i>Parasitology</i> , 2020 , 147, 1032-1037	2.7	2
7	Leaves from the Tree <i>Poincianella pluviosa</i> as a Renewable Source of Antiplasmodial Compounds against Chloroquine-Resistant <i>Plasmodium falciparum</i> . <i>Journal of the Brazilian Chemical Society</i> , 2017 ,	1.5	2
6	Nanoparticles Loaded with a New Thiourea Derivative: Development and Evaluation Against. <i>Current Drug Delivery</i> , 2020 , 17, 694-702	3.2	2
5	Nanomedicines for Cutaneous Leishmaniasis 2018 ,		2

4	Intranasal immunization with chitosan microparticles enhances lack-dna vaccine protection and induces specific long-lasting immunity against visceral leishmaniasis. <i>Microbes and Infection</i> , 2021 , 104884	9.3	2
3	Suppressive effects of <i>Vochysia divergens</i> aqueous leaf extract and its 5-methoxyflavone on murine macrophages and lymphocytes. <i>Journal of Ethnopharmacology</i> , 2018 , 221, 77-85	5	1
2	Vitamin D increases killing of intracellular independently of macrophage oxidative mechanisms. <i>Parasitology</i> , 2020 , 147, 1792-1800	2.7	1
1	Targeting chalcone binding sites in living <i>Leishmania</i> using a reversible fluorogenic benzochalcone probe.. <i>Biomedicine and Pharmacotherapy</i> , 2022 , 149, 112784	7.5	