

# Maria C A Brelaz-De-Castro

## List of Publications by Year in descending order

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Version: 2024-02-01

50  
papers

1,147  
citations

393982

19  
h-index

395343

33  
g-index

52  
all docs

52  
docs citations

52  
times ranked

2058  
citing authors

#	ARTICLE	IF	CITATIONS
1	Role of TNF-Alpha, IFN-Gamma, and IL-10 in the Development of Pulmonary Tuberculosis. <i>Pulmonary Medicine</i> , 2012, 2012, 1-10.	0.5	227
2	2-Pyridyl thiazoles as novel anti-Trypanosoma cruzi agents: Structural design, synthesis and pharmacological evaluation. <i>European Journal of Medicinal Chemistry</i> , 2014, 86, 48-59.	2.6	86
3	Leishmaniasis diagnosis: an update on the use of immunological and molecular tools. <i>Cell and Bioscience</i> , 2015, 5, 31.	2.1	66
4	Synthesis and structure-activity relationship study of a new series of antiparasitic aryloxy thiosemicarbazones inhibiting <i>Trypanosoma cruzi</i> cruzain. <i>European Journal of Medicinal Chemistry</i> , 2015, 101, 818-835.	2.6	54
5	Conformational restriction of aryl thiosemicarbazones produces potent and selective anti-Trypanosoma cruzi compounds which induce apoptotic parasite death. <i>European Journal of Medicinal Chemistry</i> , 2014, 75, 467-478.	2.6	46
6	Novel 4-quinoline-thiosemicarbazone derivatives: Synthesis, antiproliferative activity, in vitro and in silico biomacromolecule interaction studies and topoisomerase inhibition. <i>European Journal of Medicinal Chemistry</i> , 2019, 182, 111592.	2.6	39
7	Immunomodulatory response of Cramoll 1,4 lectin on experimental lymphocytes. <i>Phytotherapy Research</i> , 2010, 24, 1631-1636.	2.8	38
8	Ruthenium complexes endowed with potent anti-Trypanosoma cruzi activity: Synthesis, biological characterization and structure-activity relationships. <i>Bioorganic and Medicinal Chemistry</i> , 2009, 17, 5038-5043.	1.4	37
9	Thiosemicarbazones as <i>Aedes aegypti</i> larvicidal. <i>European Journal of Medicinal Chemistry</i> , 2015, 100, 162-175.	2.6	36
10	Targeting the Immune System with Plant Lectins to Combat Microbial Infections. <i>Frontiers in Pharmacology</i> , 2017, 8, 671.	1.6	36
11	In vitro evaluation of cytotoxicity and leishmanicidal activity of phthalimido-thiazole derivatives. <i>European Journal of Pharmaceutical Sciences</i> , 2017, 105, 1-10.	1.9	35
12	<i>Trypanosoma cruzi</i> Cell Death Induced by the Morita-Baylis-Hillman Adduct 3-Hydroxy-2-Methylene-3-(4-Nitrophenyl)propanenitrile. <i>PLoS ONE</i> , 2014, 9, e93936.	1.1	35
13	Phthalimido-thiazoles as building blocks and their effects on the growth and morphology of <i>Trypanosoma cruzi</i> . <i>European Journal of Medicinal Chemistry</i> , 2016, 111, 46-57.	2.6	33
14	Cytokines and NO in American tegumentary leishmaniasis patients: Profiles in active disease, after therapy and in self-healed individuals. <i>Microbial Pathogenesis</i> , 2013, 57, 27-32.	1.3	26
15	American Tegumentary Leishmaniasis: Cytokines and Nitric Oxide in Active Disease and After Clinical Cure, With or Without Chemotherapy. <i>Scandinavian Journal of Immunology</i> , 2012, 76, 175-180.	1.3	24
16	The in Vitro Biological Activity of the Brazilian Brown Seaweed <i>Dictyota mertensii</i> against <i>Leishmania amazonensis</i> . <i>Molecules</i> , 2014, 19, 14052-14065.	1.7	24
17	Immunomodulatory effects of pCramoll and rCramoll on peritoneal exudate cells (PECs) infected and non-infected with <i>Staphylococcus aureus</i> . <i>International Journal of Biological Macromolecules</i> , 2015, 72, 848-854.	3.6	24
18	Cellular immune response evaluation of cutaneous leishmaniasis patients cells stimulated with <i>Leishmania (Viannia) braziliensis</i> antigenic fractions before and after clinical cure. <i>Cellular Immunology</i> , 2012, 279, 180-186.	1.4	23

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19	Asteraceae Plants as Sources of Compounds Against Leishmaniasis and Chagas Disease. <i>Frontiers in Pharmacology</i> , 2019, 10, 477.	1.6	23
20	Bone marrow-derived monocyte infusion improves hepatic fibrosis by decreasing osteopontin, TGF- $\beta$ 1, IL-13 and oxidative stress. <i>World Journal of Gastroenterology</i> , 2017, 23, 5146.	1.4	20
21	Treatment with pCramoll Alone and in Combination with Fluconazole Provides Therapeutic Benefits in <i>C. gattii</i> Infected Mice. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 211.	1.8	18
22	Novel indol-3-yl-thiosemicarbazone derivatives: Obtaining, evaluation of in vitro leishmanicidal activity and ultrastructural studies. <i>Chemico-Biological Interactions</i> , 2020, 315, 108899.	1.7	17
23	Dendritic Cell-Based Approaches in the Fight Against Diseases. <i>Frontiers in Immunology</i> , 2014, 5, 78.	2.2	15
24	2-(phenylthio)ethylidene derivatives as anti- <i>Trypanosoma cruzi</i> compounds: Structural design, synthesis and antiparasitic activity. <i>European Journal of Medicinal Chemistry</i> , 2019, 180, 191-203.	2.6	14
25	Comparison of flow cytometry and indirect immunofluorescence assay in the diagnosis and cure criterion after therapy of American tegumentary leishmaniasis by anti-live <i>Leishmania (Viannia) braziliensis</i> immunoglobulin G. <i>Journal of Immunological Methods</i> , 2013, 387, 245-253.	0.6	12
26	Vitamin E nanoemulsion activity on stored red blood cells. <i>Transfusion Medicine</i> , 2017, 27, 213-217.	0.5	12
27	Thiophene-thiosemicarbazone derivative (L10) exerts antifungal activity mediated by oxidative stress and apoptosis in <i>C. albicans</i> . <i>Chemico-Biological Interactions</i> , 2020, 320, 109028.	1.7	12
28	Antigenic fractions of <i>Leishmania (Viannia) braziliensis</i> : the immune response characterization of patients at the initial phase of disease. <i>Parasite Immunology</i> , 2012, 34, 236-239.	0.7	11
29	Selective cytotoxic and genotoxic activities of 5-(2-bromo-5-methoxybenzylidene)-thiazolidine-2,4-dione against NCI-H292 human lung carcinoma cells. <i>Pharmacological Reports</i> , 2018, 70, 446-454.	1.5	11
30	<i>Lippia sidoides</i> and <i>Lippia origanoides</i> essential oils affect the viability, motility and ultrastructure of <i>Trypanosoma cruzi</i> . <i>Micron</i> , 2020, 129, 102781.	1.1	10
31	CD4 <sup>+</sup> CD45RA <sup>hi</sup> FOXP3 <sup>low</sup> Regulatory T Cells as Potential Biomarkers of Disease Activity in Systemic Lupus Erythematosus Brazilian Patients. <i>BioMed Research International</i> , 2018, 2018, 1-8.	0.9	9
32	Chagas Disease Treatment and Rational Drug Discovery: A Challenge That Remains. <i>Frontiers in Pharmacology</i> , 2019, 10, 873.	1.6	9
33	Targeting Dendritic Cells as a Good Alternative to Combat <i>Leishmania</i> spp.. <i>Frontiers in Immunology</i> , 2014, 5, 604.	2.2	8
34	Neonatal malnutrition programs the oxidant function of macrophages in response to <i>Candida albicans</i> . <i>Microbial Pathogenesis</i> , 2016, 95, 68-76.	1.3	7
35	American tegumentary leishmaniasis: mRNA expression for Th1 and Treg mediators are predominant in patients with recent active disease. <i>Immunobiology</i> , 2016, 221, 253-259.	0.8	7
36	Adoptive Transfer of Bone Marrow-Derived Monocytes Ameliorates <i>Schistosoma mansoni</i> -Induced Liver Fibrosis in Mice. <i>Scientific Reports</i> , 2019, 9, 6434.	1.6	6

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37	IL-1 family and Cutaneous Leishmaniasis: A poorly understood relationship. <i>Cytokine and Growth Factor Reviews</i> , 2021, 57, 85-92.	3.2	6
38	pCramoll and rCramoll as New Preventive Agents against the Oxidative Dysfunction Induced by Hydrogen Peroxide. <i>Oxidative Medicine and Cellular Longevity</i> , 2015, 2015, 1-9.	1.9	5
39	Effect of neonatal malnutrition on expression of nitric oxide synthase enzyme, production of free radicals and in vitro viability of alveolar macrophages infected with methicillin-sensitive and methicillin-resistant <i>Staphylococcus aureus</i> . <i>European Journal of Nutrition</i> , 2016, 55, 403-411.	1.8	5
40	Synthesis, antitrypanosomal activity and molecular docking studies of pyrimidine derivatives. <i>Medicinal Chemistry Research</i> , 2018, 27, 2512-2522.	1.1	5
41	Immunogenicity of Potential CD4+ and CD8+ T Cell Epitopes Derived From the Proteome of <i>Leishmania braziliensis</i> . <i>Frontiers in Immunology</i> , 2020, 10, 3145.	2.2	4
42	Combination of flow cytometry and qPCR to study the immune response of american cutaneous leishmaniasis patients. <i>Microbial Pathogenesis</i> , 2018, 123, 433-439.	1.3	3
43	Human leukocyte antigen-G 3' untranslated region polymorphism +3142G/C (rs1063320) and haplotypes are associated with manifestations of the American Tegumentary Leishmaniasis in a Northeastern Brazilian population. <i>Human Immunology</i> , 2019, 80, 908-916.	1.2	3
44	American tegumentary leishmaniasis diagnosis using <i>L. (V.) braziliensis</i> fixed promastigotes: a comparative performance of serological tests and spontaneous cure identification. <i>BMC Infectious Diseases</i> , 2019, 19, 1015.	1.3	3
45	The relationship between geographic space and the incidence of scorpion accidents in the context of social vulnerability. <i>Revista Eletrônica Acervo Saúde</i> , 2020, 12, e3950.	0.0	2
46	<i>Leishmania (Viannia) braziliensis</i> antigenic fractions: the immune response characterization of patients at the initial phase of disease. <i>Parasite Immunology</i> , 2011, , no-no.	0.7	1
47	Vaccines Against Trypanosomatids. , 2017, , 88-113.		0
48	Leishmaniasis and Chagas Disease Treatment. , 2017, , 114-128.		0
49	Considerations about leishmaniasis and the current scenario for the development of new treatments. <i>Journal of Tropical Pathology</i> , 2021, 50, 255-264.	0.1	0
50	Individuals in an endemic region for <i>Leishmania braziliensis</i> display lower levels of CD45RO in T cells. <i>Research, Society and Development</i> , 2022, 11, e22811528255.	0.0	0