Maria C A Brelaz-De-Castro

List of Publications by Year
in descending order

50 papers	1,147 citations	394421 19 h-index	395702 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. Pulmonary Medicine, 2012, 2012, 1-10.	1.9	227
2	2-Pyridyl thiazoles as novel anti-Trypanosoma cruzi agents: Structural design, synthesis and pharmacological evaluation. European Journal of Medicinal Chemistry, 2014, 86, 48-59.	5.5	86
3	Leishmaniases diagnosis: an update on the use of immunological and molecular tools. Cell and Bioscience, 2015, 5, 31.	4.8	66
4	Synthesis and structureâ€“activity relationship study of a new series of antiparasitic aryloxyl thiosemicarbazones inhibiting Trypanosoma cruzi cruzain. European Journal of Medicinal Chemistry, 2015, 101, 818-835.	5.5	54
5	Conformational restriction of aryl thiosemicarbazones produces potent and selective anti-Trypanosoma cruzi compounds which induce apoptotic parasite death. European Journal of Medicinal Chemistry, 2014, 75, 467-478.	5.5	46
6	Novel 4-quinoline-thiosemicarbazone derivatives: Synthesis, antiproliferative activity, inÂvitro and in silico biomacromolecule interaction studies and topoisomerase inhibition. European Journal of Medicinal Chemistry, 2019, 182, 111592.	5.5	39
7	Immunomodulatory response of Cramoll 1,4 lectin on experimental lymphocytes. Phytotherapy Research, 2010, 24, 1631-1636.	5.8	38
8	Ruthenium complexes endowed with potent anti-Trypanosoma cruzi activity: Synthesis, biological characterization and structureâ€“activity relationships. Bioorganic and Medicinal Chemistry, 2009, 17, 5038-5043.	3.0	37
9	Thiosemicarbazones as Aedes aegypti larvicidal. European Journal of Medicinal Chemistry, 2015, 100, 162-175.	5.5	36
10	Targeting the Immune System with Plant Lectins to Combat Microbial Infections. Frontiers in Pharmacology, 2017, 8, 671.	3.5	36
11	In vitro evaluation of cytotoxicity and leishmanicidal activity of phthalimido-thiazole derivatives. European Journal of Pharmaceutical Sciences, 2017, 105, 1-10.	4.0	35
12	Trypanosoma cruzi Cell Death Induced by the Morita-Baylis-Hillman Adduct 3-Hydroxy-2-Methylene-3-(4-Nitrophenylpropanenitrile). PLoS ONE, 2014, 9, e93936.	2.5	35
13	Phthalimido-thiazoles as building blocks and their effects on the growth and morphology of Trypanosoma cruzi. European Journal of Medicinal Chemistry, 2016, 111, 46-57.	5.5	33
14	Cytokines and NO in American tegumentary leishmaniasis patients: Profiles in active disease, after therapy and in self-healed individuals. Microbial Pathogenesis, 2013, 57, 27-32.	2.9	26
15	American Tegumentary Leishmaniasis: Cytokines and Nitric Oxide in Active Disease and After Clinical Cure, With or Without Chemotherapy. Scandinavian Journal of Immunology, 2012, 76, 175-180.	2.7	24
16	The in Vitro Biological Activity of the Brazilian Brown Seaweed Dictyota mertensii against Leishmania amazonensis. Molecules, 2014, 19, 14052-14065.	3.8	24
17	Immunomodulatory effects of pCramoll and rCramoll on peritoneal exudate cells (PECs) infected and non-infected with Staphylococcus aureus. International Journal of Biological Macromolecules, 2015, 72, 848-854.	7.5	24
18	Cellular immune response evaluation of cutaneous leishmaniasis patients cells stimulated with Leishmania (Viannia) braziliensis antigenic fractions before and after clinical cure. Cellular Immunology, 2012, 279, 180-186.	3.0	23

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19	Asteraceae Plants as Sources of Compounds Against Leishmaniasis and Chagas Disease. Frontiers in Pharmacology, 2019, 10, 477.	3.5	23
20	Bone marrow-derived monocyte infusion improves hepatic fibrosis by decreasing osteopontin, TGF-Î²1, IL-13 and oxidative stress. World Journal of Gastroenterology, 2017, 23, 5146.	3.3	20
21	Treatment with pCramoll Alone and in Combination with Fluconazole Provides Therapeutic Benefits in C. gattii Infected Mice. Frontiers in Cellular and Infection Microbiology, 2017, 7, 211.	3.9	18
22	Novel indol-3-yl-thiosemicarbazone derivatives: Obtaining, evaluation of in vitro leishmanicidal activity and ultrastructural studies. Chemico-Biological Interactions, 2020, 315, 108899.	4.0	17
23	Dendritic Cell-Based Approaches in the Fight Against Diseases. Frontiers in Immunology, 2014, 5, 78.	4.8	15
24	2-(phenylthio)ethylidene derivatives as anti-Trypanosoma cruzi compounds: Structural design, synthesis and antiparasitic activity. European Journal of Medicinal Chemistry, 2019, 180, 191-203.	5.5	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 Leishmania (Viannia) braziliensis immunoglobulin G. Journal of Immunological Methods, 2013, 387, 245-253.	1.4	12
26	Vitamin E nanoemulsion activity on stored red blood cells. Transfusion Medicine, 2017, 27, 213-217.	1.1	12
27	Thiophene-thiosemicarbazone derivative (L10) exerts antifungal activity mediated by oxidative stress and apoptosis in C. albicans. Chemico-Biological Interactions, 2020, 320, 109028.	4.0	12
28	Antigenic fractions of Leishmania (Viannia) braziliensis: the immune response characterization of patients at the initial phase of disease. Parasite Immunology, 2012, 34, 236-239.	1.5	11
29	Selective cytotoxic and genotoxic activities of 5-(2-bromo-5-methoxybenzylidene)-thiazolidine-2,4-dione against NCI-H292 human lung carcinoma cells. Pharmacological Reports, 2018, 70, 446-454.	3.3	11
30	Lippia sidoides and Lippia origanoides essential oils affect the viability, motility and ultrastructure of Trypanosoma cruzi. Micron, 2020, 129, 102781.	2.2	10
31	CD4⁺CD45RA^{â^'}FOXP3^{low}Regulatory T Cells as Potential Biomarkers of Disease Activity in Systemic Lupus Erythematosus Brazilian Patients. BioMed Research International, 2018, 2018, 1-8.	1.9	9
32	Chagas Disease Treatment and Rational Drug Discovery: A Challenge That Remains. Frontiers in Pharmacology, 2019, 10, 873.	3.5	9
33	Targeting Dendritic Cells as a Good Alternative to Combat Leishmania spp.. Frontiers in Immunology, 2014, 5, 604.	4.8	8
34	Neonatal malnutrition programs the oxidant function of macrophages in response to Candida albicans. Microbial Pathogenesis, 2016, 95, 68-76.	2.9	7
35	American tegumentary leishmaniasis: mRNA expression for Th1 and Treg mediators are predominant in patients with recent active disease. Immunobiology, 2016, 221, 253-259.	1.9	7
36	Adoptive Transfer of Bone Marrow-Derived Monocytes Ameliorates Schistosoma mansoni -Induced Liver Fibrosis in Mice. Scientific Reports, 2019, 9, 6434.	3.3	6

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37	IL-1 family and Cutaneous Leishmaniasis: A poorly understood relationship. Cytokine and Growth Factor Reviews, 2021, 57, 85-92.	7.2	6
38	pCramoll and rCramoll as New Preventive Agents against the Oxidative Dysfunction Induced by Hydrogen Peroxide. Oxidative Medicine and Cellular Longevity, 2015, 2015, 1-9.	4.0	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 Staphylococcus aureus. European Journal of Nutrition, 2016, 55, 403-411.	3.9	5
40	Synthesis, antitrypanosomal activity and molecular docking studies of pyrimidine derivatives. Medicinal Chemistry Research, 2018, 27, 2512-2522.	2.4	5
41	Immunogenicity of Potential CD4+ and CD8+ T Cell Epitopes Derived From the Proteome of Leishmania braziliensis. Frontiers in Immunology, 2020, 10, 3145.	4.8	4
42	Combination of flow cytometry and qPCR to study the immune response of american cutaneous leishmaniasis patients. Microbial Pathogenesis, 2018, 123, 433-439.	2.9	3
43	Human leukocyte antigen-G 3â€² untranslated region polymorphism +3142G/C (rs1063320) and haplotypes are associated with manifestations of the American Tegumentary Leishmaniasis in a Northeastern Brazilian population. Human Immunology, 2019, 80, 908-916.	2.4	3
44	American tegumentary leishmaniasis diagnosis using L. (V.) braziliensis fixed promastigotes: a comparative performance of serological tests and spontaneous cure identification. BMC Infectious Diseases, 2019, 19, 1015.	2.9	3
45	The relationship between geographic space and the incidence of scorpion accidents in the context of social vulnerability. Revista EletrÃ´nica Acervo SaÃºde, 2020, 12, e3950.	0.1	2
46	Leishmania (Viannia) braziliensis antigenic fractions: the immune response characterization of patients at the initial phase of disease. Parasite Immunology, 2011, , no-no.	1.5	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. Journal of Tropical Pathology, 2021, 50, 255-264.	0.2	0
50	Individuals in an endemic region for Leishmania braziliensis display lower levels of CD45RO in T cells. Research, Society and Development, 2022, 11, e22811528255.	0.1	0