Alexandre F Marques

List of Publications by Year
in descending order

38 papers	1,763 citations	257450 24 h-index	330143 37 g-index
39 all docs	39 docs citations	39 times ranked	2432 citing authors

#	Article	IF	Citations
1	Proteomic Analysis of Trypanosoma cruzi Secretome: Characterization of Two Populations of Extracellular Vesicles and Soluble Proteins. Journal of Proteome Research, 2013, 12, 883-897.	3.7	235
2	Treatment of adult chronic indeterminate Chagas disease with benznidazole and three E1224 dosing regimens: a proof-of-concept, randomised, placebo-controlled trial. Lancet Infectious Diseases, The, 2018, 18, 419-430.	9.1	214
3	Melanin in the dimorphic fungal pathogen Paracoccidioides brasiliensis: effects on phagocytosis, intracellular resistance and drug susceptibility. Microbes and Infection, 2006, 8, 197-205.	1.9	102
4	Amblyomma sculptum tick saliva: Î±-Gal identification, antibody response and possible association with red meat allergy in Brazil. International Journal for Parasitology, 2016, 46, 213-220.	3.1	93
5	In Vitro Activity of the Antifungal Plant Defensin RsAFP2 against Candida Isolates and Its In Vivo Efficacy in Prophylactic Murine Models of Candidiasis. Antimicrobial Agents and Chemotherapy, 2008, 52, 4522-4525.	3.2	79
6	Peptide Immunization as an Adjuvant to Chemotherapy in Mice Challenged Intratracheally with Virulent Yeast Cells of Paracoccidioides brasiliensis. Antimicrobial Agents and Chemotherapy, 2006, 50, 2814-2819.	3.2	68
7	Virus-like Particle Display of the Î±-Gal Carbohydrate for Vaccination against Leishmania Infection. ACS Central Science, 2017, 3, 1026-1031.	11.3	67
8	Role of antimicrobial stewardship programmes in children: a systematic review. Journal of Hospital Infection, 2018, 99, 117-123.	2.9	66
9	Molecular Mimicry and Antigen-Specific T Cell Responses in Multiple Sclerosis and Chronic CNS Lyme Disease. Journal of Autoimmunity, 2001, 16, 187-192.	6.5	61
10	The Monoclonal Antibody against the Major Diagnostic Antigen ofParacoccidioides brasiliensisMediates Immune Protection in Infected BALB/c Mice Challenged Intratracheally with the Fungus. Infection and Immunity, 2008, 76, 3321-3328.	2.2	60
11	A synthetic peptide from Trypanosoma cruzi mucin-like associated surface protein as candidate for a vaccine against Chagas disease. Vaccine, 2014, 32, 3525-3532.	3.8	57
12	Improved Proteomic Approach for the Discovery of Potential Vaccine Targets in Trypanosoma cruzi. Journal of Proteome Research, 2012, 11, 237-246.	3.7	49
13	Poly(lactic acidâ€glycolic acid) nanoparticles markedly improve immunological protection provided by peptide P10 against murine paracoccidioidomycosis. British Journal of Pharmacology, 2010, 159, 1126-1132.	5.4	46
14	Additive effect of P10 immunization and chemotherapy in anergic mice challenged intratracheally with virulent yeasts of Paracoccidioides brasiliensis. Microbes and Infection, 2008, 10, 1251-1258.	1.9	45
15	Therapeutic DNA Vaccine Encoding Peptide P10 against Experimental Paracoccidioidomycosis. PLoS Neglected Tropical Diseases, 2012, 6, e1519.	3.0	44
16	A prophylactic Î±-Gal-based glycovaccine effectively protects against murine acute Chagas disease. Npj Vaccines, 2019, 4, 13.	6.0	40
17	Resistance of melanized yeast cells of Paracoccidioides brasiliensis to antimicrobial oxidants and inhibition of phagocytosis using carbohydrates and monoclonal antibody to CD18. Memorias Do Instituto Oswaldo Cruz, 2009, 104, 644-648.	1.6	38
18	Potential use of synthetic Î±-galactosyl-containing glycotopes of the parasite Trypanosoma cruzi as diagnostic antigens for Chagas disease. Organic and Biomolecular Chemistry, 2013, 11, 5579.	2.8	37

#	Article	IF	Citations
19	Structural and Functional Analysis of a Platelet-Activating Lysophosphatidylcholine of Trypanosoma cruzi. PLoS Neglected Tropical Diseases, 2014, 8, e3077.	3.0	37
20	Intraspecies Variation in Trypanosoma cruzi GPI-Mucins: Biological Activities and Differential Expression of Î±-Galactosyl Residues. American Journal of Tropical Medicine and Hygiene, 2012, 87, 87-96.	1.4	34
21	Altered Hypercoagulability Factors in Patients with Chronic Chagas Disease: Potential Biomarkers of Therapeutic Response. PLoS Neglected Tropical Diseases, 2016, 10, e0004269.	3.0	34
22	Experimental paracoccidioidomycosis: alternative therapy with ajoene, compound fromAllium sativum, associated with sulfamethoxazole/trimethoprim. Medical Mycology, 2008, 46, 113-118.	0.7	27
23	Synthesis of GalÎ±(1,3)GalÎ²(1,4)GlcNAcÎ±-, GalÎ²(1,4)GlcNAcÎ±- and GlcNAc-containing neoglycoproteins and their immunological evaluation in the context of Chagas disease. Glycobiology, 2015, 26, cwv081.	2.5	27
24	An Overview of Immunotherapeutic Approaches Against Canine Visceral Leishmaniasis: What Has Been Tested on Dogs and a New Perspective on Improving Treatment Efficacy. Frontiers in Cellular and Infection Microbiology, 2019, 9, 427.	3.9	26
25	Falcipain-2 inhibition by suramin and suramin analogues. Bioorganic and Medicinal Chemistry, 2013, 21, 3667-3673.	3.0	24
26	Activation of Human CD11b+ B1 B-Cells by Trypanosoma cruzi-Derived Proteins Is Associated With Protective Immune Response in Human Chagas Disease. Frontiers in Immunology, 2018, 9, 3015.	4.8	20
27	Detection of Immune Complexes Is Not Independent of Detection of Antibodies in Lyme Disease Patients and Does Not Confirm Active Infection with Borrelia burgdorferi. Vaccine Journal, 2005, 12, 1036-1040.	3.1	19
28	Evaluation of a chemiluminescent enzyme-linked immunosorbent assay for the diagnosis of Trypanosoma cruzi infection in a nonendemic setting. Memorias Do Instituto Oswaldo Cruz, 2013, 108, 928-931.	1.6	19
29	Virus-like Particle Display of the Î±-Gal Epitope for the Diagnostic Assessment of Chagas Disease. ACS Infectious Diseases, 2016, 2, 917-922.	3.8	17
30	Specific activation of CD4â€“CD8â€“ double-negative T cells by Trypanosoma cruzi-derived glycolipids induces a proinflammatory profile associated with cardiomyopathy in Chagas patients. Clinical and Experimental Immunology, 2017, 190, 122-132.	2.6	17
31	Allosteric regulation of the Plasmodium falciparum cysteine protease falcipain-2 by heme. Archives of Biochemistry and Biophysics, 2015, 573, 92-99.	3.0	13
32	Enhanced prion protein stability coupled to DNA recognition and milieu acidification. Biophysical Chemistry, 2009, 141, 135-139.	2.8	10
33	Purification of extracellular and intracellular amastigotes of Trypanosoma cruzi from mammalian host-infected cells. Protocol Exchange, 0, , .	0.3	8
34	C57BL/6 Î±-1,3-Galactosyltransferase Knockout Mouse as an Animal Model for Experimental Chagas Disease. ACS Infectious Diseases, 2020, 6, 1807-1815.	3.8	7
35	Î±-Gal immunization positively impacts Trypanosoma cruzi colonization of heart tissue in a mouse model. PLoS Neglected Tropical Diseases, 2021, 15, e0009613.	3.0	7
36	Probing forÂTrypanosoma cruzi Cell SurfaceÂGlycobiomarkers for the Diagnosis and Follow-Up of Chemotherapy of Chagas Disease. , 2018, , 195-211.		4

#	Article	IF	Citations
37	Refolding, purification, and preliminary structural characterization of the DNA-binding domain of the quorum sensing receptor RhlR from Pseudomonas aeruginosa. Protein Expression and Purification, 2016, 121, 31-40.	1.3	3
38	Preliminary assessment of anti-Î±-Gal IgG and IgM levels in patients with patent Plasmodium vivax infection. Memorias Do Instituto Oswaldo Cruz, 2019, 114, e190145.	1.6	3