

# Ivo Santana Caldas

## List of Publications by Year in descending order

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Version: 2024-02-01

58  
papers

1,441  
citations

331670

21  
h-index

345221

36  
g-index

59  
all docs

59  
docs citations

59  
times ranked

1690  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fexinidazole: A Potential New Drug Candidate for Chagas Disease. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1870.	3.0	136
2	Benznidazole and Posaconazole in Experimental Chagas Disease: Positive Interaction in Concomitant and Sequential Treatments. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2367.	3.0	99
3	Effects of Ravuconazole Treatment on Parasite Load and Immune Response in Dogs Experimentally Infected with <i>Trypanosoma cruzi</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2010, 54, 2979-2986.	3.2	81
4	Benznidazole therapy during acute phase of Chagas disease reduces parasite load but does not prevent chronic cardiac lesions. <i>Parasitology Research</i> , 2008, 103, 413-421.	1.6	77
5	Real-time PCR strategy for parasite quantification in blood and tissue samples of experimental <i>Trypanosoma cruzi</i> infection. <i>Acta Tropica</i> , 2012, 123, 170-177.	2.0	68
6	Development of chronic cardiomyopathy in canine Chagas disease correlates with high IFN- $\gamma$ , TNF- $\alpha$ , and low IL-10 production during the acute infection phase. <i>Veterinary Immunology and Immunopathology</i> , 2009, 130, 43-52.	1.2	67
7	Antitrypanosomal Activity of Fexinidazole Metabolites, Potential New Drug Candidates for Chagas Disease. <i>Antimicrobial Agents and Chemotherapy</i> , 2014, 58, 4362-4370.	3.2	57
8	Curcumin Enhances the Anti- <i>Trypanosoma cruzi</i> Activity of Benznidazole-Based Chemotherapy in Acute Experimental Chagas Disease. <i>Antimicrobial Agents and Chemotherapy</i> , 2016, 60, 3355-3364.	3.2	48
9	The Correlation between Chemical Structures and Antioxidant, Prooxidant, and Antitrypanosomatid Properties of Flavonoids. <i>Oxidative Medicine and Cellular Longevity</i> , 2017, 2017, 1-12.	4.0	45
10	Benznidazole/Itraconazole Combination Treatment Enhances Anti- <i>Trypanosoma cruzi</i> Activity in Experimental Chagas Disease. <i>PLoS ONE</i> , 2015, 10, e0128707.	2.5	41
11	Myocardial scars correlate with eletrocardiographic changes in chronic <i>Trypanosoma cruzi</i> infection for dogs treated with Benznidazole. <i>Tropical Medicine and International Health</i> , 2013, 18, 75-84.	2.3	37
12	Outcome of E1224-Benznidazole Combination Treatment for Infection with a Multidrug-Resistant <i>Trypanosoma cruzi</i> Strain in Mice. <i>Antimicrobial Agents and Chemotherapy</i> , 2018, 62, .	3.2	34
13	Impact of <i>Trypanosoma cruzi</i> infection on nitric oxide synthase and arginase expression and activity in young and elderly mice. <i>Free Radical Biology and Medicine</i> , 2018, 129, 227-236.	2.9	34
14	Applicability of plant-based products in the treatment of <i>Trypanosoma cruzi</i> and <i>Trypanosoma brucei</i> infections: a systematic review of preclinical <i>in vivo</i> evidence. <i>Parasitology</i> , 2017, 144, 1275-1287.	1.5	33
15	Increased type 1 chemokine expression in experimental Chagas disease correlates with cardiac pathology in Beagle dogs. <i>Veterinary Immunology and Immunopathology</i> , 2010, 138, 106-113.	1.2	32
16	An evaluation of benznidazole as a Chagas disease therapeutic. <i>Expert Opinion on Pharmacotherapy</i> , 2019, 20, 1797-1807.	1.8	32
17	Low Doses of Simvastatin Therapy Ameliorate Cardiac Inflammatory Remodeling in <i>Trypanosoma cruzi</i> -Infected Dogs. <i>American Journal of Tropical Medicine and Hygiene</i> , 2011, 84, 325-331.	1.4	29
18	<i>S. mansoni</i> - <i>T. cruzi</i> co-infection modulates arginase-1/iNOS expression, liver and heart disease in mice. <i>Nitric Oxide - Biology and Chemistry</i> , 2017, 66, 43-52.	2.7	27

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19	Recombinant Leishmania (Leishmania) infantum Ecto-Nucleoside Triphosphate Diphosphohydrolase NTPDase-2 as a new antigen in canine visceral leishmaniasis diagnosis. <i>Acta Tropica</i> , 2013, 125, 60-66.	2.0	25
20	Impairment of Interleukin-17A Expression in Canine Visceral Leishmaniasis is Correlated with Reduced Interferon- $\gamma$ and Inducible Nitric Oxide Synthase Expression. <i>Journal of Comparative Pathology</i> , 2015, 153, 197-205.	0.4	24
21	Challenges of immunosuppressive and antitrypanosomal drug therapy after heart transplantation in patients with chronic Chagas disease: A systematic review of clinical recommendations. <i>Transplantation Reviews</i> , 2018, 32, 157-167.	2.9	22
22	In vitro and in vivo trypanocidal activities of 8-methoxy-4-nitrobenzoyl-6-propyl-2-cromenone, a new synthetic coumarin of low cytotoxicity against mammalian cells. <i>Chemical Biology and Drug Design</i> , 2018, 92, 1888-1898.	3.2	22
23	Natural trypanocidal product produced by endophytic fungi through co-culturing. <i>Folia Microbiologica</i> , 2020, 65, 323-328.	2.3	22
24	Trypanosoma cruzi: blood parasitism kinetics and their correlation with heart parasitism intensity during long-term infection of Beagle dogs. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2008, 103, 528-534.	1.6	21
25	Benznidazole alters the pattern of Cyclophosphamide-induced reactivation in experimental Trypanosoma cruzi-dependent lineage infection. <i>Acta Tropica</i> , 2010, 113, 134-138.	2.0	21
26	IgG isotype profile is correlated with cardiomegaly in Beagle dogs infected with distinct Trypanosoma cruzi strains. <i>Veterinary Immunology and Immunopathology</i> , 2008, 124, 163-168.	1.2	20
27	Myenteric plexus is differentially affected by infection with distinct Trypanosoma cruzi strains in Beagle dogs. <i>Memorias Do Instituto Oswaldo Cruz</i> , 2014, 109, 51-60.	1.6	19
28	Myocarditis in different experimental models infected by Trypanosoma cruzi is correlated with the production of IgG1 isotype. <i>Acta Tropica</i> , 2017, 167, 40-49.	2.0	19
29	Sesquiterpene lactone potentiates the immunomodulatory, antiparasitic and cardioprotective effects on anti-Trypanosoma cruzi specific chemotherapy. <i>International Immunopharmacology</i> , 2019, 77, 105961.	3.8	19
30	Synthesis, activity, and molecular modeling studies of 1,2,3-triazole derivatives from natural phenylpropanoids as new trypanocidal agents. <i>Chemical Biology and Drug Design</i> , 2020, 95, 124-129.	3.2	19
31	Hematological alterations during experimental canine infection by Trypanosoma cruzi. <i>Brazilian Journal of Veterinary Parasitology</i> , 2012, 21, 151-156.	0.7	18
32	Could age and aging change the host response to systemic parasitic infections? A systematic review of preclinical evidence. <i>Experimental Gerontology</i> , 2018, 104, 17-27.	2.8	17
33	Naturally Leishmania infantum-infected dogs display an overall impairment of chemokine and chemokine receptor expression during visceral leishmaniasis. <i>Veterinary Immunology and Immunopathology</i> , 2013, 153, 202-208.	1.2	16
34	Relevance of Trypanothione Reductase Inhibitors on Trypanosoma cruzi Infection: A Systematic Review, Meta-Analysis, and In Silico Integrated Approach. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-20.	4.0	16
35	Parasitaemia and parasitic load are limited targets of the aetiological treatment to control the progression of cardiac fibrosis and chronic cardiomyopathy in Trypanosoma cruzi-infected dogs. <i>Acta Tropica</i> , 2019, 189, 30-38.	2.0	14
36	Therapeutic responses to different anti-Trypanosoma cruzi drugs in experimental infection by benznidazole-resistant parasite stock. <i>Parasitology</i> , 2014, 141, 1628-1637.	1.5	13

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37	Anti-adrenergic and muscarinic receptor autoantibodies in a canine model of Chagas disease and their modulation by benznidazole. <i>International Journal of Cardiology</i> , 2014, 170, e66-e67.	1.7	12
38	Vasoactive intestinal peptide reduces the inflammatory profile in mice infected with <i>Trypanosoma cruzi</i> . <i>Experimental Parasitology</i> , 2015, 159, 72-78.	1.2	10
39	Could phenothiazine-benznidazole combined chemotherapy be effective in controlling heart parasitism and acute infectious myocarditis?. <i>Pharmacological Research</i> , 2020, 158, 104907.	7.1	10
40	Thioridazine aggravates skeletal myositis, systemic and liver inflammation in <i>Trypanosoma cruzi</i> -infected and benznidazole-treated mice. <i>International Immunopharmacology</i> , 2020, 85, 106611.	3.8	9
41	Amlodipine Increases the Therapeutic Potential of Ravuconazole upon <i>Trypanosoma cruzi</i> Infection. <i>Antimicrobial Agents and Chemotherapy</i> , 2020, 64, .	3.2	8
42	Computer-Guided Trypanocidal Activity of Natural Lactones Produced by Endophytic Fungus of <i>Euphorbia umbellata</i> . <i>Chemistry and Biodiversity</i> , 2021, 18, e2100493.	2.1	8
43	<i>In vivo</i> anti-inflammatory activity of Fabaceae species extracts screened by a new <i>ex vivo</i> assay using human whole blood. <i>Phytochemical Analysis</i> , 2021, 32, 859-883.	2.4	8
44	Lipopolysaccharide-induced acute lung injury in mice chronically infected by <i>Schistosoma mansoni</i> . <i>Experimental Parasitology</i> , 2017, 178, 21-29.	1.2	7
45	Impact of diminazene aceturate on renin-angiotensin system, infectious myocarditis and skeletal myositis in mice: An <i>in vitro</i> and <i>in vivo</i> study. <i>Life Sciences</i> , 2020, 257, 118067.	4.3	7
46	Synthesis of New Hybrid Derivatives from Metronidazole and Eugenol Analogues as Trypanocidal Agents. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2021, 24, 421-434.	2.1	7
47	Resistin and visfatin concentrations are related to central obesity and inflammation in Brazilian children. <i>Nutrire</i> , 2018, 43, .	0.7	6
48	Canine visceral leishmaniasis in the Krenak indigenous community, Resplendor, Minas Gerais State, Brazil, 2007. <i>Cadernos De Saude Publica</i> , 2011, 27, 603-607.	1.0	5
49	Retinol-binding protein 4 and insulin resistance are related to body fat in primary and secondary schoolchildren: the Ouro Preto study. <i>European Journal of Nutrition</i> , 2014, 53, 433-440.	3.9	4
50	Coumarins as Potential Antiprotozoal Agents: Biological Activities and Mechanism of Action. <i>Revista Brasileira De Farmacognosia</i> , 2021, 31, 592-611.	1.4	3
51	4-nitrobenzoylcoumarin potentiates the antiparasitic, anti-inflammatory and cardioprotective effects of benznidazole in a murine model of acute <i>Trypanosoma cruzi</i> infection. <i>Acta Tropica</i> , 2022, 228, 106314.	2.0	3
52	Genetic modulation in Be-78 and Y <i>Trypanosoma cruzi</i> strains after long-term infection in Beagle dogs revealed by molecular markers. <i>Infection, Genetics and Evolution</i> , 2012, 12, 1128-1135.	2.3	2
53	Seroepidemiological aspects of human infection by <i>Strongyloides stercoralis</i> in Alfenas, southern Minas Gerais, Brazil. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2018, 51, 855-859.	0.9	2
54	Association between nutritional status, C-reactive protein, adiponectin and HOMA-AD in Brazilian children. <i>Nutricion Hospitalaria</i> , 2014, 30, 66-74.	0.3	2

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55	Could cross-immunological reactivity to <i>Trypanosoma cruzi</i> antigens be considered a rational strategy for designing vaccines against cancer?. <i>International Journal of Cancer</i> , 2016, 139, 2142-2143.	5.1	1
56	Galectin-3 and Chagas Disease-Associated Cardiomyopathy. <i>Journal of Infectious Diseases</i> , 2016, 213, 871.1-871.	4.0	1
57	Anti-urolithiatic and anti-inflammatory activities through a different mechanism of actions of <i>Cissus gongylodes</i> corroborated its ethnopharmacological historic. <i>Journal of Ethnopharmacology</i> , 2020, 253, 112655.	4.1	1
58	Chronic rapamycin pretreatment modulates arginase/inducible nitric oxide synthase balance attenuating aging-dependent susceptibility to <i>Trypanosoma cruzi</i> infection and acute myocarditis. <i>Experimental Gerontology</i> , 2022, 159, 111676.	2.8	1