Arturo Ferreira

List of Publications by Year in descending order

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66 papers	2,533 citations	257450 24 h-index	206112 48 g-index
66 all docs	66 docs citations	66 times ranked	2521 citing authors

#	Article	IF	Citations
1	Antimalarial Activity of IFNÎ³: Requirement for Immunity to Sporozoite Challenge. , 2021, , 217-233.		0
2	Is It Possible to Intervene in the Capacity of Trypanosoma cruzi to Elicit and Evade the Complement System?. Frontiers in Immunology, 2021, 12, 789145.	4.8	3
3	Structural bases that underline Trypanosoma cruzi calreticulin proinfective, antiangiogenic and antitumor properties. Immunobiology, 2020, 225, 151863.	1.9	11
4	The Interactions of Parasite Calreticulin With Initial Complement Components: Consequences in Immunity and Virulence. Frontiers in Immunology, 2020, 11, 1561.	4.8	9
5	In vitro Treatment of a Murine Mammary Adenocarcinoma Cell Line with Recombinant Trypanosoma cruzi Calreticulin Promotes Immunogenicity and Phagocytosis. Molecular Immunology, 2020, 124, 51-60.	2.2	7
6	Trypanosoma cruzi Calreticulin: Immune Evasion, Infectivity, and Tumorigenesis. Trends in Parasitology, 2020, 36, 368-381.	3.3	13
7	Brucella canis induces canine CD4+ T cells multi-cytokine Th1/Th17 production via dendritic cell activation. Comparative Immunology, Microbiology and Infectious Diseases, 2019, 62, 68-75.	1.6	8
8	Variable numbers of calreticulin genes in Trypanosoma cruzi correlate with atypical morphology and protein expression. Immunobiology, 2018, 223, 802-806.	1.9	2
9	Different Trypanosoma cruzi calreticulin domains mediate migration and proliferation of fibroblasts in vitro and skin wound healing in vivo. Archives of Dermatological Research, 2018, 310, 639-650.	1.9	8
10	The nerve growth factor alters calreticulin translocation from the endoplasmic reticulum to the cell surface and its signaling pathway in epithelial ovarian cancer cells. International Journal of Oncology, 2017, 50, 1261-1270.	3.3	5
11	Triatoma infestans Calreticulin: Gene Cloning and Expression of a Main Domain That Interacts with the Host Complement System. American Journal of Tropical Medicine and Hygiene, 2017, 96, 295-303.	1.4	15
12	Exogenous Calreticulin, incorporated onto non-infective Trypanosoma cruzi epimastigotes, promotes their internalization into mammal host cells. Immunobiology, 2017, 222, 529-535.	1.9	10
13	Molluskan Hemocyanins Activate the Classical Pathway of the Human Complement System through Natural Antibodies. Frontiers in Immunology, 2017, 8, 188.	4.8	18
14	Trypanosoma cruzi Evades the Complement System as an Efficient Strategy to Survive in the Mammalian Host: The Specific Roles of Host/Parasite Molecules and Trypanosoma cruzi Calreticulin. Frontiers in Microbiology, 2017, 8, 1667.	3.5	35
15	Variability in the response of canine and human dendritic cells stimulated with Brucella canis. Veterinary Research, 2017, 48, 72.	3.0	18
16	Is the Antitumor Property of Trypanosoma cruzi Infection Mediated by Its Calreticulin?. Frontiers in Immunology, 2016, 7, 268.	4.8	20
17	Does native Trypanosoma cruzi calreticulin mediate growth inhibition of a mammary tumor during infection?. BMC Cancer, 2016, 16, 731.	2.6	18
18	Structures of parasite calreticulins provide insights into their flexibility and dual carbohydrate/peptide-binding properties. IUCrJ, 2016, 3, 408-419.	2.2	21

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19	Trypanosoma cruzi Calreticulin Topographical Variations in Parasites Infecting Murine Macrophages. American Journal of Tropical Medicine and Hygiene, 2015, 92, 887-897.	1.4	12
20	Deficiency in Mannose-Binding Lectin-Associated Serine Protease-2 Does Not Increase Susceptibility to Trypanosoma cruzi Infection. American Journal of Tropical Medicine and Hygiene, 2015, 92, 320-324.	1.4	12
21	Gene-deleted live-attenuatedTrypanosoma cruziparasites as vaccines to protect against Chagas disease. Expert Review of Vaccines, 2015, 14, 681-697.	4.4	27
22	Comparative effect of human andTrypanosoma cruzicalreticulin in wound healing. Journal of Tissue Engineering and Regenerative Medicine, 2015, 9, 41-54.	2.7	13
23	Human Survivin and Trypanosoma cruzi Calreticulin Act in Synergy against a Murine Melanoma In Vivo. PLoS ONE, 2014, 9, e95457.	2.5	16
24	A Monoallelic Deletion of the TcCRT Gene Increases the Attenuation of a Cultured Trypanosoma cruzi Strain, Protecting against an In Vivo Virulent Challenge. PLoS Neglected Tropical Diseases, 2014, 8, e2696.	3.0	21
25	Trypanosoma cruzi calreticulin inhibits the complement lectin pathway activation by direct interaction with L-Ficolin. Molecular Immunology, 2014, 60, 80-85.	2.2	45
26	Tax Posttranslational Modifications and Interaction with Calreticulin in MT-2 Cells and Human Peripheral Blood Mononuclear Cells of Human T Cell Lymphotropic Virus Type-I-Associated Myelopathy/Tropical Spastic Paraparesis Patients. AIDS Research and Human Retroviruses, 2014, 30, 370-379.	1.1	6
27	Celecoxib decreases growth and angiogenesis and promotes apoptosis in a tumor cell line resistant to chemotherapy. Biological Research, 2014, 47, 27.	3.4	41
28	Is it all That Bad When Living with an Intracellular Protozoan? The Role of Trypanosoma cruzi Calreticulin in Angiogenesis and Tumor Growth. Frontiers in Oncology, 2014, 4, 382.	2.8	8
29	Trypanosoma cruzi carrying a monoallelic deletion of the calreticulin (TcCRT) gene are susceptible to complement mediated killing and defective in their metacyclogenesis. Molecular Immunology, 2013, 53, 198-205.	2.2	17
30	The Interaction of Classical Complement Component C1 with Parasite and Host Calreticulin Mediates Trypanosoma cruzi Infection of Human Placenta. PLoS Neglected Tropical Diseases, 2013, 7, e2376.	3.0	33
31	Roles of Trypanosoma cruzi calreticulin in parasiteâ€“host interactions and in tumor growth. Molecular Immunology, 2012, 52, 133-140.	2.2	31
32	Trypanosoma cruzi calreticulin: A novel virulence factor that binds complement C1 on the parasite surface and promotes infectivity. Immunobiology, 2011, 216, 265-273.	1.9	52
33	Extracellular Trypanosoma cruzi calreticulin in the hostâ€“parasite interplay. Trends in Parasitology, 2011, 27, 115-122.	3.3	36
34	Bovine (Bos taurus) humoral immune response against Echinococcus granulosus and hydatid cyst infertility. Journal of Cellular Biochemistry, 2011, 112, 189-199.	2.6	24
35	Heat-Shock Induction of Tumor-Derived Danger Signals Mediates Rapid Monocyte Differentiation into Clinically Effective Dendritic Cells. Clinical Cancer Research, 2011, 17, 2474-2483.	7.0	70
36	Trypanosoma cruzi: In vitro effect of aspirin with nifurtimox and benznidazole. Experimental Parasitology, 2010, 124, 167-171.	1.2	30

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37	Antiangiogenic and Antitumor Effects of Trypanosoma cruzi Calreticulin. PLoS Neglected Tropical Diseases, 2010, 4, e730.	3.0	60
38	Molecular mechanisms involved in the inactivation of the first component of human complement by Trypanosoma cruzi calreticulin. Molecular Immunology, 2010, 47, 1516-1521.	2.2	58
39	Comparative in vivo antiangiogenic effects of calreticulin from Trypanosoma cruzi and Homo sapiens sapiens. Biological Research, 2010, 43, .	3.4	15
40	Comparative in vivo antiangiogenic effects of calreticulin from Trypanosoma cruzi and Homo sapiens sapiens. Biological Research, 2010, 43, 287-9.	3.4	7
41	Betamethasone inhibits tumor development, microvessel density and prolongs survival in mice with a multiresistant adenocarcinoma TA3. Biological Research, 2010, 43, 317-22.	3.4	2
42	Trypanosoma cruzi calreticulin: A possible role in Chagasâ€™ disease autoimmunity. Molecular Immunology, 2009, 46, 1092-1099.	2.2	33
43	Echinococcus granulosus calreticulin: Molecular characterization and hydatid cyst localization. Molecular Immunology, 2008, 45, 1431-1438.	2.2	19
44	Mode of action of natural and synthetic drugs against Trypanosoma cruzi and their interaction with the mammalian host. Comparative Biochemistry and Physiology Part A, Molecular & Integrative Physiology, 2007, 146, 601-620.	1.8	281
45	Naked DNA immunization as an approach to target the generic tumor antigen survivin induces humoral and cellular immune responses in mice. Immunobiology, 2006, 211, 11-27.	1.9	16
46	An in vivo role for Trypanosoma cruzi calreticulin in antiangiogenesis. Molecular and Biochemical Parasitology, 2005, 140, 133-140.	1.1	35
47	Does Trypanosoma cruzi calreticulin modulate the complement system and angiogenesis?. Trends in Parasitology, 2005, 21, 169-174.	3.3	33
48	F(ab')2 antibody fragments against Trypanosoma cruzi calreticulin inhibit its interaction with the first component of human complement. Biological Research, 2005, 38, 187-95.	3.4	25
49	The Classical Activation Pathway of the Human Complement System Is Specifically Inhibited by Calreticulin from Trypanosoma cruzi. Journal of Immunology, 2004, 172, 3042-3050.	0.8	115
50	A simple immunometric assay to assess the feeding habits of Meprai spinolai , a Trypanosoma cruzi vector. Parasitology Research, 2004, 92, 375-379.	1.6	10
51	Role of calreticulin from parasites in its interaction with vertebrate hosts. Molecular Immunology, 2004, 40, 1279-1291.	2.2	86
52	Blood Host Sources ofMepraia spinolai(Heteroptera: Reduviidae), Wild Vector of Chagas Disease in Chile. Journal of Medical Entomology, 2001, 38, 303-307.	1.8	50
53	Trypanosoma cruzi: H2 complex and genetic background influence on the humoral immune response against epimastigotes. International Journal for Parasitology, 2000, 30, 981-984.	3.1	5
54	Development of an immunoenzymatic assay for the detection of human antibodies against Trypanosoma cruzi calreticulin, an immunodominant antigen. Acta Tropica, 2000, 75, 291-300.	2.0	36

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55	Recognition of an immunogenetically selected Trypanosoma cruzi antigen by seropositive chagasic human sera. Acta Tropica, 1997, 63, 159-166.	2.0	23
56	Purification and Preliminary Sequencing of Tc45, an Immunodominant Trypanosoma cruzi Antigen: Absence of Homology with Cruzipain, Cruzain, and a 46-Kilodalton Protein. American Journal of Tropical Medicine and Hygiene, 1995, 53, 211-215.	1.4	18
57	A simple method for negative and positive selection of murine and human IgM-bearing lymphocytes based on the use of antibody-coated silica microparticles. Journal of Immunological Methods, 1993, 162, 109-114.	1.4	4
58	Octadecyl silica: A solid phase for protein purification by immunoadsorption. Analytical Biochemistry, 1991, 197, 47-51.	2.4	10
59	An Immunogenetically Defined and Immunodominant Trypanosoma Cruzi Antigen. American Journal of Tropical Medicine and Hygiene, 1991, 44, 314-322.	1.4	22
60	Use of octadecyl silica as an alternative non-conventional solid phase in immunoradiometric assays. Journal of Immunological Methods, 1988, 114, 261-265.	1.4	2
61	Î³ Interferon, CD8+ T cells and antibodies required for immunity to malaria sporozoites. Nature, 1987, 330, 664-666.	27.8	722
62	Infectivity of Plasmodium berghei sporozoites measured with a DNA probe. Molecular and Biochemical Parasitology, 1986, 19, 103-109.	1.1	42
63	Does the mouse C4-binding protein gene (C4BP) map in the H-2 region?. Immunogenetics, 1985, 21, 257-265.	2.4	7
64	High resolution isoelectric focusing of immunoprecipitated proteins under denaturing conditions. A simple analytical method applied to the study of complement component polymorphisms. Journal of Immunological Methods, 1984, 69, 165-172.	1.4	19
65	A simplified two-dimensional electrophoretic technique. Journal of Immunological Methods, 1981, 43, 291-299.	1.4	34
66	Mechanism of Solubilization of Immune Aggregates by Complement. Implications for Immunopathology. Immunological Reviews, 1976, 32, 121-139.	6.0	29