

# Arturo Ferreira

## List of Publications by Year in descending order

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66  
papers

2,533  
citations

257450

24  
h-index

206112

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66  
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66  
docs citations

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times ranked

2521  
citing authors

#	ARTICLE	IF	CITATIONS
1	Î³ Interferon, CD8+ T cells and antibodies required for immunity to malaria sporozoites. <i>Nature</i> , 1987, 330, 664-666.	27.8	722
2	Mode of action of natural and synthetic drugs against <i>Trypanosoma cruzi</i> and their interaction with the mammalian host. <i>Comparative Biochemistry and Physiology Part A, Molecular &amp; Integrative Physiology</i> , 2007, 146, 601-620.	1.8	281
3	The Classical Activation Pathway of the Human Complement System Is Specifically Inhibited by Calreticulin from <i>Trypanosoma cruzi</i> . <i>Journal of Immunology</i> , 2004, 172, 3042-3050.	0.8	115
4	Role of calreticulin from parasites in its interaction with vertebrate hosts. <i>Molecular Immunology</i> , 2004, 40, 1279-1291.	2.2	86
5	Heat-Shock Induction of Tumor-Derived Danger Signals Mediates Rapid Monocyte Differentiation into Clinically Effective Dendritic Cells. <i>Clinical Cancer Research</i> , 2011, 17, 2474-2483.	7.0	70
6	Antiangiogenic and Antitumor Effects of <i>Trypanosoma cruzi</i> Calreticulin. <i>PLoS Neglected Tropical Diseases</i> , 2010, 4, e730.	3.0	60
7	Molecular mechanisms involved in the inactivation of the first component of human complement by <i>Trypanosoma cruzi</i> calreticulin. <i>Molecular Immunology</i> , 2010, 47, 1516-1521.	2.2	58
8	<i>Trypanosoma cruzi</i> calreticulin: A novel virulence factor that binds complement C1 on the parasite surface and promotes infectivity. <i>Immunobiology</i> , 2011, 216, 265-273.	1.9	52
9	Blood Host Sources of <i>Mepraia spinolai</i> (Heteroptera: Reduviidae), Wild Vector of Chagas Disease in Chile. <i>Journal of Medical Entomology</i> , 2001, 38, 303-307.	1.8	50
10	<i>Trypanosoma cruzi</i> calreticulin inhibits the complement lectin pathway activation by direct interaction with L-Ficolin. <i>Molecular Immunology</i> , 2014, 60, 80-85.	2.2	45
11	Infectivity of <i>Plasmodium berghei</i> sporozoites measured with a DNA probe. <i>Molecular and Biochemical Parasitology</i> , 1986, 19, 103-109.	1.1	42
12	Celecoxib decreases growth and angiogenesis and promotes apoptosis in a tumor cell line resistant to chemotherapy. <i>Biological Research</i> , 2014, 47, 27.	3.4	41
13	Development of an immunoenzymatic assay for the detection of human antibodies against <i>Trypanosoma cruzi</i> calreticulin, an immunodominant antigen. <i>Acta Tropica</i> , 2000, 75, 291-300.	2.0	36
14	Extracellular <i>Trypanosoma cruzi</i> calreticulin in the host-parasite interplay. <i>Trends in Parasitology</i> , 2011, 27, 115-122.	3.3	36
15	An in vivo role for <i>Trypanosoma cruzi</i> calreticulin in antiangiogenesis. <i>Molecular and Biochemical Parasitology</i> , 2005, 140, 133-140.	1.1	35
16	<i>Trypanosoma cruzi</i> Evades the Complement System as an Efficient Strategy to Survive in the Mammalian Host: The Specific Roles of Host/Parasite Molecules and <i>Trypanosoma cruzi</i> Calreticulin. <i>Frontiers in Microbiology</i> , 2017, 8, 1667.	3.5	35
17	A simplified two-dimensional electrophoretic technique. <i>Journal of Immunological Methods</i> , 1981, 43, 291-299.	1.4	34
18	Does <i>Trypanosoma cruzi</i> calreticulin modulate the complement system and angiogenesis?. <i>Trends in Parasitology</i> , 2005, 21, 169-174.	3.3	33

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19	Trypanosoma cruzi calreticulin: A possible role in Chagasâ€™ disease autoimmunity. Molecular Immunology, 2009, 46, 1092-1099.	2.2	33
20	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
21	Roles of Trypanosoma cruzi calreticulin in parasiteâ€™host interactions and in tumor growth. Molecular Immunology, 2012, 52, 133-140.	2.2	31
22	Trypanosoma cruzi: In vitro effect of aspirin with nifurtimox and benznidazole. Experimental Parasitology, 2010, 124, 167-171.	1.2	30
23	Mechanism of Solubilization of Immune Aggregates by Complement. Implications for Immunopathology. Immunological Reviews, 1976, 32, 121-139.	6.0	29
24	Gene-deleted live-attenuated <i>Trypanosoma cruzi</i> parasites as vaccines to protect against Chagas disease. Expert Review of Vaccines, 2015, 14, 681-697.	4.4	27
25	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
26	Bovine (<i>Bos taurus</i>) humoral immune response against <i>Echinococcus granulosus</i> and hydatid cyst infertility. Journal of Cellular Biochemistry, 2011, 112, 189-199.	2.6	24
27	Recognition of an immunogenetically selected Trypanosoma cruzi antigen by seropositive chagasic human sera. Acta Tropica, 1997, 63, 159-166.	2.0	23
28	An Immunogenetically Defined and Immunodominant Trypanosoma Cruzi Antigen. American Journal of Tropical Medicine and Hygiene, 1991, 44, 314-322.	1.4	22
29	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
30	Structures of parasite calreticulins provide insights into their flexibility and dual carbohydrate/peptide-binding properties. IUCr, 2016, 3, 408-419.	2.2	21
31	Is the Antitumor Property of Trypanosoma cruzi Infection Mediated by Its Calreticulin?. Frontiers in Immunology, 2016, 7, 268.	4.8	20
32	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
33	Echinococcus granulosus calreticulin: Molecular characterization and hydatid cyst localization. Molecular Immunology, 2008, 45, 1431-1438.	2.2	19
34	Does native Trypanosoma cruzi calreticulin mediate growth inhibition of a mammary tumor during infection?. BMC Cancer, 2016, 16, 731.	2.6	18
35	Molluskan Hemocyanins Activate the Classical Pathway of the Human Complement System through Natural Antibodies. Frontiers in Immunology, 2017, 8, 188.	4.8	18
36	Variability in the response of canine and human dendritic cells stimulated with Brucella canis. Veterinary Research, 2017, 48, 72.	3.0	18

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37	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
38	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
39	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
40	Human Survivin and Trypanosoma cruzi Calreticulin Act in Synergy against a Murine Melanoma In Vivo. PLoS ONE, 2014, 9, e95457.	2.5	16
41	<i>Triatoma infestans</i> 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
42	Comparative in vivo antiangiogenic effects of calreticulin from Trypanosoma cruzi and Homo sapiens sapiens. Biological Research, 2010, 43, .	3.4	15
43	Comparative effect of human and<i> Trypanosoma cruzi</i> calreticulin in wound healing. Journal of Tissue Engineering and Regenerative Medicine, 2015, 9, 41-54.	2.7	13
44	Trypanosoma cruzi Calreticulin: Immune Evasion, Infectivity, and Tumorigenesis. Trends in Parasitology, 2020, 36, 368-381.	3.3	13
45	Trypanosoma cruzi Calreticulin Topographical Variations in Parasites Infecting Murine Macrophages. American Journal of Tropical Medicine and Hygiene, 2015, 92, 887-897.	1.4	12
46	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
47	Structural bases that underline Trypanosoma cruzi calreticulin proinfective, antiangiogenic and antitumor properties. Immunobiology, 2020, 225, 151863.	1.9	11
48	Octadecyl silica: A solid phase for protein purification by immunoadsorption. Analytical Biochemistry, 1991, 197, 47-51.	2.4	10
49	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
50	Exogenous Calreticulin, incorporated onto non-infective Trypanosoma cruzi epimastigotes, promotes their internalization into mammal host cells. Immunobiology, 2017, 222, 529-535.	1.9	10
51	The Interactions of Parasite Calreticulin With Initial Complement Components: Consequences in Immunity and Virulence. Frontiers in Immunology, 2020, 11, 1561.	4.8	9
52	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
53	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
54	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

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55	Does the mouse C4-binding protein gene (C4BP) map in the H-2 region?. Immunogenetics, 1985, 21, 257-265.	2.4	7
56	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
57	Comparative in vivo antiangiogenic effects of calreticulin from Trypanosoma cruzi and Homo sapiens sapiens. Biological Research, 2010, 43, 287-9.	3.4	7
58	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
59	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
60	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
61	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
62	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
63	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
64	Variable numbers of calreticulin genes in Trypanosoma cruzi correlate with atypical morphology and protein expression. Immunobiology, 2018, 223, 802-806.	1.9	2
65	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
66	Antimalarial Activity of IFN $\gamma$ : Requirement for Immunity to Sporozoite Challenge. , 2021, , 217-233.		0