

Ricardo Silvestre

List of Publications by Year in descending order

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92
papers

4,364
citations

136950

32
h-index

118850

62
g-index

96
all docs

96
docs citations

96
times ranked

6998
citing authors

#	ARTICLE	IF	CITATIONS
1	Glutaminolysis and Fumarate Accumulation Integrate Immunometabolic and Epigenetic Programs in Trained Immunity. <i>Cell Metabolism</i> , 2016, 24, 807-819.	16.2	584
2	Immunometabolic Pathways in BCG-Induced Trained Immunity. <i>Cell Reports</i> , 2016, 17, 2562-2571.	6.4	467
3	Telomeric Heterochromatin Propagation and Histone Acetylation Control Mutually Exclusive Expression of Antigenic Variation Genes in Malaria Parasites. <i>Cell</i> , 2005, 121, 25-36.	28.9	432
4	Interleukin-6 Is a Biomarker for the Development of Fatal Severe Acute Respiratory Syndrome Coronavirus 2 Pneumonia. <i>Frontiers in Immunology</i> , 2021, 12, 613422.	4.8	228
5	Regulation of immunity during visceral Leishmania infection. <i>Parasites and Vectors</i> , 2016, 9, 118.	2.5	188
6	High Histone Deacetylase 7 (HDAC7) Expression Is Significantly Associated with Adenocarcinomas of the Pancreas. <i>Annals of Surgical Oncology</i> , 2008, 15, 2318-2328.	1.5	115
7	Profiling of RNA Degradation for Estimation of Post Mortem Interval. <i>PLoS ONE</i> , 2013, 8, e56507.	2.5	111
8	SIR2-Deficient <i>Leishmania infantum</i> Induces a Defined IFN- γ /IL-10 Pattern That Correlates with Protection. <i>Journal of Immunology</i> , 2007, 179, 3161-3170.	0.8	102
9	<i>Leishmania infantum</i> Modulates Host Macrophage Mitochondrial Metabolism by Hijacking the SIRT1-AMPK Axis. <i>PLoS Pathogens</i> , 2015, 11, e1004684.	4.7	96
10	T cell apoptosis characterizes severe Covid-19 disease. <i>Cell Death and Differentiation</i> , 2022, 29, 1486-1499.	11.2	90
11	Impact of Continuous Axenic Cultivation in <i>Leishmania infantum</i> Virulence. <i>PLoS Neglected Tropical Diseases</i> , 2012, 6, e1469.	3.0	88
12	Impairment of T Cell Function in Parasitic Infections. <i>PLoS Neglected Tropical Diseases</i> , 2014, 8, e2567.	3.0	80
13	Phagosomal removal of fungal melanin reprograms macrophage metabolism to promote antifungal immunity. <i>Nature Communications</i> , 2020, 11, 2282.	12.8	68
14	NF- κ B pathway controls mitochondrial dynamics. <i>Cell Death and Differentiation</i> , 2016, 23, 89-98.	11.2	65
15	DRAM Triggers Lysosomal Membrane Permeabilization and Cell Death in CD4+ T Cells Infected with HIV. <i>PLoS Pathogens</i> , 2013, 9, e1003328.	4.7	59
16	Evaluation of Bronchoalveolar Lavage Fluid Cytokines as Biomarkers for Invasive Pulmonary Aspergillosis in At-Risk Patients. <i>Frontiers in Microbiology</i> , 2017, 8, 2362.	3.5	54
17	Exploring NAD+ metabolism in host-pathogen interactions. <i>Cellular and Molecular Life Sciences</i> , 2016, 73, 1225-1236.	5.4	53
18	In Vitro Antileishmanial Activity of Nicotinamide. <i>Antimicrobial Agents and Chemotherapy</i> , 2005, 49, 808-812.	3.2	52

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19	Live attenuated Leishmania vaccines: a potential strategic alternative. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2008, 56, 123-126.	2.3	51
20	Differential roles of PI3-Kinase, MAPKs and NF- κ B on the manipulation of dendritic cell Th1/Th2 cytokine/chemokine polarizing profile. <i>Molecular Immunology</i> , 2009, 46, 2481-2492.	2.2	49
21	Activation of Phosphatidylinositol 3-Kinase/Akt and Impairment of Nuclear Factor- κ B. <i>American Journal of Pathology</i> , 2010, 177, 2898-2911.	3.8	48
22	A breakthrough on Amanita phalloides poisoning: an effective antidotal effect by polymyxin B. <i>Archives of Toxicology</i> , 2015, 89, 2305-2323.	4.2	48
23	The <i>Leishmania</i> nicotinamidase is essential for NAD ⁺ production and parasite proliferation. <i>Molecular Microbiology</i> , 2011, 82, 21-38.	2.5	47
24	The Warburg effect in mycobacterial granulomas is dependent on the recruitment and activation of macrophages by interferon- γ . <i>Immunology</i> , 2015, 145, 498-507.	4.4	45
25	Exoproteome dynamics in <i>Leishmania infantum</i> . <i>Journal of Proteomics</i> , 2013, 84, 106-118.	2.4	44
26	Immune Response Regulation by <i>Leishmania</i> Secreted and Nonsecreted Antigens. <i>Journal of Biomedicine and Biotechnology</i> , 2007, 2007, 1-10.	3.0	43
27	Abortive T Follicular Helper Development Is Associated with a Defective Humoral Response in <i>Leishmania infantum</i> -Infected Macaques. <i>PLoS Pathogens</i> , 2014, 10, e1004096.	4.7	40
28	Application of an Improved Enzyme-Linked Immunosorbent Assay Method for Serological Diagnosis of Canine Leishmaniasis. <i>Journal of Clinical Microbiology</i> , 2010, 48, 1866-1874.	3.9	38
29	<i>Leishmania</i> -Infected MHC Class IIhigh Dendritic Cells Polarize CD4+ T Cells toward a Nonprotective T-bet+ IFN- γ + IL-10+ Phenotype. <i>Journal of Immunology</i> , 2013, 191, 262-273.	0.8	37
30	IL-10 overexpression predisposes to invasive aspergillosis by suppressing antifungal immunity. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 140, 867-870.e9.	2.9	37
31	Prevalence of antibodies to <i>Leishmania infantum</i> and <i>Toxoplasma gondii</i> in horses from the north of Portugal. <i>Parasites and Vectors</i> , 2013, 6, 178.	2.5	36
32	Characterization and evaluation of BNIPDa α ct-loaded PLGA nanoparticles for visceral leishmaniasis: <i>in vitro</i> and <i>in vivo</i> studies. <i>Nanomedicine</i> , 2012, 7, 1839-1849.	3.3	35
33	Early Loss of Splenic Tfh Cells in SIV-Infected Rhesus Macaques. <i>PLoS Pathogens</i> , 2015, 11, e1005287.	4.7	33
34	The Absence of HIF-1 α Increases Susceptibility to <i>Leishmania donovani</i> Infection via Activation of BNIP3/mTOR/SREBP-1c Axis. <i>Cell Reports</i> , 2020, 30, 4052-4064.e7.	6.4	32
35	Human periprostatic white adipose tissue is rich in stromal progenitor cells and a potential source of prostate tumor stroma. <i>Experimental Biology and Medicine</i> , 2012, 237, 1155-1162.	2.4	29
36	The anti-caspase inhibitor Q-VD-OPH prevents AIDS disease progression in SIV-infected rhesus macaques. <i>Journal of Clinical Investigation</i> , 2018, 128, 1627-1640.	8.2	29

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37	The impact of distinct culture media in <i>Leishmania infantum</i> biology and infectivity. <i>Parasitology</i> , 2014, 141, 192-205.	1.5	28
38	AMP-activated Protein Kinase As a Target For Pathogens: Friends Or Foes?. <i>Current Drug Targets</i> , 2016, 17, 942-953.	2.1	28
39	Promising blood-derived biomarkers for estimation of the postmortem interval. <i>Toxicology Research</i> , 2015, 4, 1443-1452.	2.1	26
40	More than just exosomes: distinct <i>Leishmania infantum</i> extracellular products potentiate the establishment of infection. <i>Journal of Extracellular Vesicles</i> , 2018, 7, 1541708.	12.2	25
41	Glutamine supplementation improves the efficacy of miltefosine treatment for visceral leishmaniasis. <i>PLoS Neglected Tropical Diseases</i> , 2020, 14, e0008125.	3.0	25
42	IL-17A and IL-17F orchestrate macrophages to promote lung cancer. <i>Cellular Oncology (Dordrecht)</i> , 2020, 43, 643-654.	4.4	25
43	A <i>Leishmania infantum</i> cytosolic trypanothione synthetase activates B cells to secrete interleukin-10 and specific immunoglobulin. <i>Immunology</i> , 2008, 123, 555-565.	4.4	24
44	Interleukin-1 β genotype and circulating levels in cancer patients: Metastatic status and pain perception. <i>Clinical Biochemistry</i> , 2014, 47, 1209-1213.	1.9	24
45	Myeloid Sirtuin 2 Expression Does Not Impact Long-Term Mycobacterium tuberculosis Control. <i>PLoS ONE</i> , 2015, 10, e0131904.	2.5	24
46	The influence of surface modified poly(α -lactide) films on the differentiation of human monocytes into macrophages. <i>Biomaterials Science</i> , 2017, 5, 551-560.	5.4	24
47	Crucial CD8 ⁺ T-lymphocyte cytotoxic role in amphotericin B nanospheres efficacy against experimental visceral leishmaniasis. <i>Nanomedicine: Nanotechnology, Biology, and Medicine</i> , 2014, 10, e1021-e1030.	3.3	23
48	The impact of IL-10 dynamic modulation on host immune response against visceral leishmaniasis. <i>Cytokine</i> , 2018, 112, 16-20.	3.2	23
49	Modulation of mammalian apoptotic pathways by intracellular protozoan parasites. <i>Cellular Microbiology</i> , 2012, 14, 325-333.	2.1	22
50	The contribution of Toll-like receptor 2 to the innate recognition of a <i>Leishmania infantum</i> silent information regulator 2 protein. <i>Immunology</i> , 2009, 128, 484-499.	4.4	21
51	L-Threonine Supplementation During Colitis Onset Delays Disease Recovery. <i>Frontiers in Physiology</i> , 2018, 9, 1247.	2.8	20
52	Serological evaluation of experimentally infected dogs by <i>L. infantum</i> ELISA and amastigote-flow cytometry. <i>Veterinary Parasitology</i> , 2008, 158, 23-30.	1.8	19
53	<i>Leishmania</i> cytosolic silent information regulatory protein 2 deacetylase induces murine B-cell differentiation and in vivo production of specific antibodies. <i>Immunology</i> , 2006, 119, 529-540.	4.4	18
54	Seroepidemiological survey of <i>Leishmania infantum</i> infection in dogs from northeastern Portugal. <i>Acta Tropica</i> , 2011, 120, 82-87.	2.0	18

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55	Definition of the Anti-inflammatory Oligosaccharides Derived From the Galactosaminogalactan (GAG) From <i>Aspergillus fumigatus</i> . <i>Frontiers in Cellular and Infection Microbiology</i> , 2019, 9, 365.	3.9	18
56	Development of a Fluorescent Based Immunosensor for the Serodiagnosis of Canine Leishmaniasis Combining Immunomagnetic Separation and Flow Cytometry. <i>PLoS Neglected Tropical Diseases</i> , 2013, 7, e2371.	3.0	16
57	Enhanced Glycolysis Is Required for Antileishmanial Functions of Neutrophils Upon Infection With <i>Leishmania donovani</i> . <i>Frontiers in Immunology</i> , 2021, 12, 632512.	4.8	16
58	Characterization of <i>Leishmania infantum</i> thiol-dependent reductase 1 and evaluation of its potential to induce immune protection. <i>Parasite Immunology</i> , 2012, 34, 345-350.	1.5	14
59	Interleukin-27 Early Impacts <i>Leishmania infantum</i> Infection in Mice and Correlates with Active Visceral Disease in Humans. <i>Frontiers in Immunology</i> , 2016, 7, 478.	4.8	14
60	Immune-metabolic interactions between <i>Leishmania</i> and macrophage host. <i>Current Opinion in Microbiology</i> , 2021, 63, 231-237.	5.1	14
61	Dysregulation of glycerophospholipid metabolism during Behçet's disease contributes to a pro-inflammatory phenotype of circulating monocytes. <i>Journal of Translational Autoimmunity</i> , 2020, 3, 100056.	4.0	13
62	CD4 T Follicular Helper Cells and HIV Infection: Friends or Enemies?. <i>Frontiers in Immunology</i> , 2017, 8, 135.	4.8	12
63	Evaluation of <i>Leishmania</i> Species Reactivity in Human Serologic Diagnosis of Leishmaniasis. <i>American Journal of Tropical Medicine and Hygiene</i> , 2009, 81, 202-208.	1.4	12
64	Vasculogenesis and Diabetic Erectile Dysfunction: How Relevant Is Glycemic Control?. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 82-91.	2.6	10
65	Infection of hematopoietic stem cells by <i>Leishmania infantum</i> increases erythropoiesis and alters the phenotypic and functional profiles of progeny. <i>Cellular Immunology</i> , 2018, 326, 77-85.	3.0	10
66	Development and Characterization of an Avirulent <i>Leishmania major</i> Strain. <i>Journal of Immunology</i> , 2020, 204, 2734-2753.	0.8	10
67	Interdependencies between Toll-like receptors in <i>Leishmania</i> infection. <i>Immunology</i> , 2021, 164, 173-189.	4.4	10
68	PTX3 Polymorphisms Influence Cytomegalovirus Reactivation After Stem-Cell Transplantation. <i>Frontiers in Immunology</i> , 2019, 10, 88.	4.8	9
69	AMPK in Pathogens. <i>Exs</i> , 2016, 107, 287-323.	1.4	8
70	Cytokines in the immunity and immunopathogenesis in leishmaniasis. <i>Cytokine</i> , 2021, 145, 155320.	3.2	8
71	Early IL-10 promotes vasculature-associated CD4+ T cells unable to control <i>Mycobacterium tuberculosis</i> infection. <i>JCI Insight</i> , 2021, 6, .	5.0	8
72	IL-2 immunotherapy in chronically SIV-infected Rhesus Macaques. <i>Virology Journal</i> , 2012, 9, 220.	3.4	7

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73	Metabolic Crosstalk Between Host and Parasitic Pathogens. <i>Experientia Supplementum</i> (2012), 2018, 109, 421-458.	0.9	7
74	Cytokines and metabolic regulation: A framework of bidirectional influences affecting Leishmania infection. <i>Cytokine</i> , 2021, 147, 155267.	3.2	7
75	Spatial distribution of canine Leishmania infantum infection in a municipality with endemic human leishmaniasis in Eastern Bahia, Brazil. <i>Brazilian Journal of Veterinary Parasitology</i> , 2021, 30, e022620.	0.7	7
76	Methods for the analysis of transcriptome dynamics. <i>Toxicology Research</i> , 2019, 8, 597-612.	2.1	6
77	Non-human primates and Leishmania immunity. <i>Cytokine: X</i> , 2020, 2, 100038.	1.4	5
78	Recognition of Leishmania Parasites by Innate Immunity. <i>Immunology, Endocrine and Metabolic Agents in Medicinal Chemistry</i> , 2009, 9, 106-127.	0.5	5
79	Alterations on Cellular Redox States upon Infection and Implications for Host Cell Homeostasis. <i>Experientia Supplementum</i> (2012), 2018, 109, 197-220.	0.9	4
80	Evaluating the Role of Host AMPK in Leishmania Burden. <i>Methods in Molecular Biology</i> , 2018, 1732, 551-563.	0.9	3
81	Mathematical Modelling Using Predictive Biomarkers for the Outcome of Canine Leishmaniasis upon Chemotherapy. <i>Microorganisms</i> , 2020, 8, 745.	3.6	2
82	Mimicking Behçet's disease: GM-CSF gain of function mutation in a family suffering from a Behçet's disease-like disorder marked by extreme pathergy. <i>Clinical and Experimental Immunology</i> , 2021, 204, 189-198.	2.6	2
83	Nutritional adjuvants with antioxidant properties in the treatment of canine leishmaniasis. <i>Veterinary Parasitology</i> , 2021, 298, 109526.	1.8	2
84	Leishmania infantum Infection of Primary Human Myeloid Cells. <i>Microorganisms</i> , 2022, 10, 1243.	3.6	2
85	Development of a simple and rapid spectrophotometric method for the quantification of carboxyhemoglobin. <i>Toxicology Letters</i> , 2013, 221, S186.	0.8	0
86	492 Linking endothelial progenitor cells and diabetic erectile dysfunction. <i>European Urology Supplements</i> , 2014, 13, e492.	0.1	0
87	Response to the comment on "Promising blood-derived biomarkers for estimation of the postmortem interval". <i>Toxicology Research</i> , 2016, 5, 716-718.	2.1	0
88	Glutamine supplementation improves the efficacy of miltefosine treatment for visceral leishmaniasis. , 2020, 14, e0008125.		0
89	Glutamine supplementation improves the efficacy of miltefosine treatment for visceral leishmaniasis. , 2020, 14, e0008125.		0
90	Glutamine supplementation improves the efficacy of miltefosine treatment for visceral leishmaniasis. , 2020, 14, e0008125.		0

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91	Glutamine supplementation improves the efficacy of miltefosine treatment for visceral leishmaniasis. , 2020, 14, e0008125.		0
92	The Role of Biobanks in the Fight against COVID-19 Pandemic: The Portuguese Response. Acta Medica Portuguesa, 2021, 35, .	0.4	0