

Guilherme D Melo

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,136
citations

516215

16
h-index

476904

29
g-index

53
all docs

53
docs citations

53
times ranked

1673
citing authors

#	ARTICLE	IF	CITATIONS
1	COVID-19-related anosmia is associated with viral persistence and inflammation in human olfactory epithelium and brain infection in hamsters. <i>Science Translational Medicine</i> , 2021, 13, .	5.8	322
2	SARS-CoV-2 infection induces the dedifferentiation of multiciliated cells and impairs mucociliary clearance. <i>Nature Communications</i> , 2021, 12, 4354.	5.8	154
3	Attenuation of clinical and immunological outcomes during SARS-CoV-2 infection by ivermectin. <i>EMBO Molecular Medicine</i> , 2021, 13, e14122.	3.3	38
4	Potent human broadly SARS-CoV-2 neutralizing IgA and IgG antibodies effective against Omicron BA.1 and BA.2. <i>Journal of Experimental Medicine</i> , 2022, 219, .	4.2	34
5	Leukocyte entry into the CNS of <i>Leishmania chagasi</i> naturally infected dogs. <i>Veterinary Parasitology</i> , 2009, 162, 248-256.	0.7	32
6	Structure of the prefusion-locking broadly neutralizing antibody RVC20 bound to the rabies virus glycoprotein. <i>Nature Communications</i> , 2020, 11, 596.	5.8	28
7	A combination of two human monoclonal antibodies cures symptomatic rabies. <i>EMBO Molecular Medicine</i> , 2020, 12, e12628.	3.3	26
8	Levels of matrix metalloproteinase-2 and metalloproteinase-9 in the cerebrospinal fluid of dogs with visceral leishmaniasis. <i>Parasite Immunology</i> , 2011, 33, 330-334.	0.7	25
9	New insights into experimental visceral leishmaniasis: Real-time in vivo imaging of <i>Leishmania donovani</i> virulence. <i>PLoS Neglected Tropical Diseases</i> , 2017, 11, e0005924.	1.3	25
10	Differential alterations in the activity of matrix metalloproteinases within the nervous tissue of dogs in distinct manifestations of visceral leishmaniasis. <i>Veterinary Immunology and Immunopathology</i> , 2010, 136, 340-345.	0.5	22
11	Glial reactivity in dogs with visceral leishmaniasis: correlation with T lymphocyte infiltration and with cerebrospinal fluid anti- <i>Leishmania</i> antibody titres. <i>Cell and Tissue Research</i> , 2011, 346, 293-304.	1.5	22
12	Monoclonal antibodies against rabies: current uses in prophylaxis and in therapy. <i>Current Opinion in Virology</i> , 2022, 53, 101204.	2.6	21
13	High levels of serum matrix metalloproteinases in dogs with natural visceral leishmaniasis: A preliminary report. <i>Veterinary Journal</i> , 2011, 188, 243-245.	0.6	20
14	Ki-67 labeling in canine perianal glands neoplasms: a novel approach for immunohistological diagnostic and prognostic. <i>BMC Veterinary Research</i> , 2013, 9, 83.	0.7	19
15	Pro-inflammatory cytokines predominate in the brains of dogs with visceral leishmaniasis: A natural model of neuroinflammation during systemic parasitic infection. <i>Veterinary Parasitology</i> , 2013, 192, 57-66.	0.7	19
16	A live measles-vectored COVID-19 vaccine induces strong immunity and protection from SARS-CoV-2 challenge in mice and hamsters. <i>Nature Communications</i> , 2021, 12, 6277.	5.8	18
17	Porencephaly and cortical dysplasia as cause of seizures in a dog. <i>BMC Veterinary Research</i> , 2012, 8, 246.	0.7	17
18	<i>Leishmania</i> infection and neuroinflammation: Specific chemokine profile and absence of parasites in the brain of naturally-infected dogs. <i>Journal of Neuroimmunology</i> , 2015, 289, 21-29.	1.1	17

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19	Unveiling Cerebral Leishmaniasis: parasites and brain inflammation in <i>Leishmania donovani</i> infected mice. <i>Scientific Reports</i> , 2017, 7, 8454.	1.6	16
20	Development of a highly specific and sensitive VHH-based sandwich immunoassay for the detection of the SARS-CoV-2 nucleoprotein. <i>Journal of Biological Chemistry</i> , 2022, 298, 101290.	1.6	16
21	Structure of the rabies virus glycoprotein trimer bound to a prefusion-specific neutralizing antibody. <i>Science Advances</i> , 2022, 8, .	4.7	16
22	Canine cerebral leishmaniasis: Potential role of matrix metalloproteinase-2 in the development of neurological disease. <i>Veterinary Immunology and Immunopathology</i> , 2012, 148, 260-266.	0.5	15
23	Compartmentalized gene expression of toll-like receptors 2, 4 and 9 in the brain and peripheral lymphoid organs during canine visceral leishmaniasis. <i>Parasite Immunology</i> , 2014, 36, 726-731.	0.7	15
24	Toll-like receptors and cytokines in the brain and in spleen of dogs with visceral leishmaniasis. <i>Veterinary Parasitology</i> , 2018, 253, 30-38.	0.7	15
25	Bovine herpesvirus-5 infection in a rabbit experimental model: Immunohistochemical study of the cellular response in the CNS. <i>Microbial Pathogenesis</i> , 2013, 57, 10-16.	1.3	12
26	Feasibility and safety of intrathecal transplantation of autologous bone marrow mesenchymal stem cells in horses. <i>BMC Veterinary Research</i> , 2015, 11, 63.	0.7	12
27	T and B lymphocytes in the brains of dogs with concomitant seropositivity to three pathogenic protozoans: <i>Leishmania chagasi</i> , <i>Toxoplasma gondii</i> and <i>Neospora caninum</i> . <i>BMC Research Notes</i> , 2013, 6, 226.	0.6	10
28	First detection of <i>Leishmania infantum</i> DNA within the brain of naturally infected dogs. <i>Veterinary Parasitology</i> , 2014, 204, 376-380.	0.7	10
29	Identification of <i>Leishmania</i> spp. promastigotes in the intestines, ovaries, and salivary glands of <i>Rhipicephalus sanguineus</i> actively infesting dogs. <i>Parasitology Research</i> , 2016, 115, 3479-3484.	0.6	9
30	Blood-brain barrier disruption during spontaneous canine visceral leishmaniasis. <i>Parasite Immunology</i> , 2015, 37, 635-645.	0.7	8
31	Prodrugs as new therapies against Chagas disease: in vivo synergy between <i>Trypanosoma cruzi</i> proline racemase inhibitors and benznidazole. <i>Journal of Global Antimicrobial Resistance</i> , 2022, 28, 84-89.	0.9	8
32	Zymographic patterns of MMP-2 and MMP-9 in the CSF and cerebellum of dogs with subacute distemper leukoencephalitis. <i>Veterinary Immunology and Immunopathology</i> , 2013, 154, 68-74.	0.5	7
33	Serological, parasitological and molecular tests for canine visceral leishmaniasis diagnosis in a longitudinal study. <i>Brazilian Journal of Veterinary Parasitology</i> , 2015, 24, 402-409.	0.2	7
34	Expression of matrix metalloproteinase-2 and metalloproteinase-9 in the skin of dogs with visceral leishmaniasis. <i>Parasitology Research</i> , 2018, 117, 1819-1827.	0.6	7
35	Designed mono- and di-covalent inhibitors trap modeled functional motions for <i>Trypanosoma cruzi</i> proline racemase in crystallography. <i>PLoS Neglected Tropical Diseases</i> , 2018, 12, e0006853.	1.3	7
36	Intrathecal Transplantation of Autologous and Allogeneic Bone Marrow-Derived Mesenchymal Stem Cells in Dogs. <i>Cell Transplantation</i> , 2021, 30, 096368972110344.	1.2	7

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37	T lymphocyte immunophenotypes in the cerebrospinal fluid of dogs with visceral leishmaniasis. <i>Veterinary Parasitology</i> , 2016, 232, 12-20.	0.7	5
38	Perceptions of animal experimentation: a longitudinal survey with veterinary students in Araçatuba, São Paulo, Brazil. <i>Journal of Biological Education</i> , 2017, 51, 391-398.	0.8	3
39	Two-photon microscopy analysis reveals different pulmonary damage after infection by influenza or SARS-CoV-2. <i>Respiratory Medicine and Research</i> , 2021, 80, 100862.	0.4	3
40	Matrix metalloproteinases 2 and 9 in rabbits with doxorubicin-induced cardiomyopathy. <i>Pesquisa Veterinaria Brasileira</i> , 2018, 38, 320-327.	0.5	2
41	Irreversible inhibitors of the proline racemase unveil innovative mechanism of action as antibacterial agents against <i>Clostridioides difficile</i> . <i>Chemical Biology and Drug Design</i> , 2022, 99, 513-526.	1.5	2
42	Blood pressure and renal injury in dogs with visceral leishmaniasis. <i>Pesquisa Veterinaria Brasileira</i> , 2016, 36, 857-863.	0.5	1
43	Detection of natural occurrence of <i>Tritrichomonas foetus</i> in cats in Araçatuba, São Paulo, Brazil. <i>Pesquisa Veterinaria Brasileira</i> , 2018, 38, 309-314.	0.5	1
44	Leishmania hide-and-seek: Parasite amastigotes in the choroid plexus of a dog with neurological signs in an endemic municipality in Brazil. <i>Veterinary Parasitology: Regional Studies and Reports</i> , 2019, 17, 100291.	0.3	1
45	Metaloproteinases no tecido laminar do casco de equinos submetidos à obstrução intraluminal do cãlton menor. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2018, 70, 45-52.	0.1	0