

Christina Alves Peixoto

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

86

papers

1,221

citations

19

h-index

31

g-index

87

ext. papers

1,497

ext. citations

3.9

avg, IF

4.7

L-index

#	Paper	IF	Citations
86	Effects of metformin on inflammation and short-term memory in streptozotocin-induced diabetic mice. <i>Brain Research</i> , 2016 , 1644, 149-60	3.7	104
85	AMPK activation: Role in the signaling pathways of neuroinflammation and neurodegeneration. <i>Experimental Neurology</i> , 2017 , 298, 31-41	5.7	83
84	Phosphodiesterase-5 Inhibitors: Action on the Signaling Pathways of Neuroinflammation, Neurodegeneration, and Cognition. <i>Mediators of Inflammation</i> , 2015 , 2015, 940207	4.3	55
83	Chronic treatment with sildenafil stimulates Leydig cell and testosterone secretion. <i>International Journal of Experimental Pathology</i> , 2009 , 90, 454-62	2.8	50
82	Involvement of AMPK, IKENFB and eNOS in the sildenafil anti-inflammatory mechanism in a demyelination model. <i>Brain Research</i> , 2015 , 1627, 119-33	3.7	48
81	Sildenafil (Viagra [®]) down regulates cytokines and prevents demyelination in a cuprizone-induced MS mouse model. <i>Cytokine</i> , 2012 , 60, 540-51	4	48
80	Induction of cancer cell stemness by depletion of macrohistone H2A1 in hepatocellular carcinoma. <i>Hepatology</i> , 2018 , 67, 636-650	11.2	46
79	Sildenafil (Viagra) protective effects on neuroinflammation: the role of iNOS/NO system in an inflammatory demyelination model. <i>Mediators of Inflammation</i> , 2013 , 2013, 321460	4.3	46
78	Role of peroxisome proliferator-activated receptors in non-alcoholic fatty liver disease inflammation. <i>Cellular and Molecular Life Sciences</i> , 2018 , 75, 2951-2961	10.3	36
77	Vitamin E (Trolox) addition to Tris-egg yolk extender preserves ram spermatozoon structure and kinematics after cryopreservation. <i>Animal Reproduction Science</i> , 2013 , 137, 37-44	2.1	35
76	Role of iNOS-NO-cGMP signaling in modulation of inflammatory and myelination processes. <i>Brain Research Bulletin</i> , 2014 , 104, 60-73	3.9	34
75	Effect of medium composition on the in vitro culture of bovine pre-antral follicles: morphology and viability do not guarantee functionality. <i>Zygote</i> , 2013 , 21, 125-8	1.6	32
74	Anti-inflammatory effects of diethylcarbamazine: a review. <i>European Journal of Pharmacology</i> , 2014 , 734, 35-41	5.3	31
73	The role of prebiotics in cognition, anxiety, and depression. <i>European Neuropsychopharmacology</i> , 2020 , 34, 1-18	1.2	29
72	Evaluation of testicular degeneration induced by low-frequency electromagnetic fields. <i>Journal of Applied Toxicology</i> , 2012 , 32, 210-8	4.1	23
71	Vitrified sheep isolated secondary follicles are able to grow and form antrum after a short period of in vitro culture. <i>Cell and Tissue Research</i> , 2015 , 362, 241-51	4.2	21
70	Diethylcarbamazine reduces chronic inflammation and fibrosis in carbon tetrachloride- (CCl ₄) induced liver injury in mice. <i>Mediators of Inflammation</i> , 2014 , 2014, 696383	4.3	20

69	Antischistosomal action of thioxo-imidazolidine compounds: an ultrastructural and cytotoxicity study. <i>Experimental Parasitology</i> , 2011 , 128, 82-90	2.1	20
68	The effects of diethylcarbamazine on the ultrastructure of microfilariae of <i>Wuchereria bancrofti</i> in vivo and in vitro. <i>Parasitology Research</i> , 2004 , 92, 513-7	2.4	19
67	New thiazolidinedione LPSF/GQ-2 inhibits NF- κ B and MAPK activation in LPS-induced acute lung inflammation. <i>International Immunopharmacology</i> , 2018 , 57, 91-101	5.8	18
66	Effect of diethylcarbamazine on chronic hepatic inflammation induced by alcohol in C57BL/6 mice. <i>European Journal of Pharmacology</i> , 2012 , 689, 194-203	5.3	18
65	Morphological changes in the testis induced by diethylcarbamazine. <i>Reproductive Toxicology</i> , 2006 , 22, 754-9	3.4	18
64	Phosphodiesterase-5 inhibition promotes remyelination by MCP-1/CCR-2 and MMP-9 regulation in a cuprizone-induced demyelination model. <i>Experimental Neurology</i> , 2016 , 275 Pt 1, 143-53	5.7	17
63	Sildenafil ameliorates EAE by decreasing apoptosis in the spinal cord of C57BL/6 mice. <i>Journal of Neuroimmunology</i> , 2018 , 321, 125-137	3.5	17
62	Novel insights into the mechanisms underlying depression-associated experimental autoimmune encephalomyelitis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019 , 93, 1-10	5.5	16
61	Diethylcarbamazine attenuates LPS-induced acute lung injury in mice by apoptosis of inflammatory cells. <i>Pharmacological Reports</i> , 2017 , 69, 81-89	3.9	16
60	Cytopathological effects of <i>Bacillus sphaericus</i> Cry48Aa/Cry49Aa toxin on binary toxin-susceptible and -resistant <i>Culex quinquefasciatus</i> larvae. <i>Applied and Environmental Microbiology</i> , 2009 , 75, 4782-9	4.8	16
59	Ultrastructural analysis of β -apachone-induced surface membrane damage in male adult <i>Schistosoma mansoni</i> BH strain worms. <i>Experimental Parasitology</i> , 2014 , 142, 83-90	2.1	15
58	Sildenafil (Viagra [®]) prevents and restores LPS-induced inflammation in astrocytes. <i>Neuroscience Letters</i> , 2016 , 630, 59-65	3.3	14
57	Tadalafil restores long-term memory and synaptic plasticity in mice with hepatic encephalopathy. <i>Toxicology and Applied Pharmacology</i> , 2019 , 379, 114673	4.6	14
56	Diethylcarbamazine attenuates the development of carrageenan-induced lung injury in mice. <i>Mediators of Inflammation</i> , 2014 , 2014, 105120	4.3	14
55	Diethylcarbamazine inhibits NF- κ B activation in acute lung injury induced by carrageenan in mice. <i>International Immunopharmacology</i> , 2014 , 23, 153-62	5.8	13
54	Inhibition of NF- κ B activation by diethylcarbamazine prevents alcohol-induced liver injury in C57BL/6 mice. <i>Tissue and Cell</i> , 2014 , 46, 363-71	2.7	12
53	Intraurethral injection with LPS: an effective experimental model of prostatic inflammation. <i>Inflammation Research</i> , 2018 , 67, 43-55	7.2	12
52	LPSF/GQ-02 inhibits the development of hepatic steatosis and inflammation in a mouse model of non-alcoholic fatty liver disease (NAFLD). <i>PLoS ONE</i> , 2015 , 10, e0123787	3.7	11

51	HLA-G is expressed in intestinal samples of ulcerative colitis and Crohn's disease patients and HLA-G5 expression is differentially correlated with TNF and IL-10 cytokine expression. <i>Human Immunology</i> , 2018 , 79, 477-484	2.3	10
50	Molecular evidence for apoptosis in microfilariae of <i>Wuchereria bancrofti</i> induced by diethylcarbamazine. <i>Parasitology Research</i> , 2008 , 103, 717-21	2.4	10
49	Changes in mouse Leydig cells ultrastructure and testosterone secretion after diethylcarbamazine administration. <i>Micron</i> , 2008 , 39, 580-6	2.3	9
48	Neurobiological findings underlying depressive behavior in Parkinson's disease: A review. <i>International Immunopharmacology</i> , 2020 , 83, 106434	5.8	9
47	Diethylcarbamazine: possible therapeutic alternative in the treatment of alcoholic liver disease in C57BL/6 mice. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015 , 42, 369-79	3	8
46	The effects of diethylcarbamazine on the ultrastructure of lung cells in vivo. <i>Tissue and Cell</i> , 2005 , 37, 241-6	2.7	8
45	Influence of hypercalcemia in the formation of tympanosclerosis in rats. <i>Otology and Neurotology</i> , 2006 , 27, 27-32	2.6	8
44	Immunocytochemical localization and distribution of human albumin in <i>Wuchereria bancrofti</i> adult worms. <i>Archives of Pathology and Laboratory Medicine</i> , 1999 , 123, 173-7	5	8
43	Preventive role of metformin on peripheral neuropathy induced by diabetes. <i>International Immunopharmacology</i> , 2019 , 74, 105672	5.8	7
42	Diethylcarbamazine attenuates the expression of pro-fibrogenic markers and hepatic stellate cells activation in carbon tetrachloride-induced liver fibrosis. <i>Inflammopharmacology</i> , 2018 , 26, 599-609	5.1	7
41	Effect of new thiazolidine derivatives LPSF/GQ-02 and LPSF/GQ-16 on atherosclerotic lesions in LDL receptor-deficient mice (LDLR(-/-)). <i>Cardiovascular Pathology</i> , 2013 , 22, 81-90	3.8	7
40	Molecular Mechanisms of Phosphodiesterase-5 Inhibitors on Neuronal Apoptosis. <i>DNA and Cell Biology</i> , 2018 , 37, 861-865	3.6	7
39	Activin-A promotes the development of goat isolated secondary follicles in vitro. <i>Zygote</i> , 2015 , 23, 41-52	2.6	6
38	Effect of chronic Sildenafil treatment on the prostate of C57Bl/6 mice. <i>Tissue and Cell</i> , 2014 , 46, 439-49	2.7	6
37	New imidazolidine derivatives as anti-Trypanosoma cruzi agents: structure-activity relationships. <i>Parasitology Research</i> , 2012 , 111, 2361-6	2.4	6
36	Shared neuroimmune and oxidative pathways underpinning Chagas disease and major depressive disorder. <i>Translational Psychiatry</i> , 2020 , 10, 419	8.6	5
35	Metformin prevents p-tau and amyloid plaque deposition and memory impairment in diabetic mice. <i>Experimental Brain Research</i> , 2021 , 239, 2821-2839	2.3	5
34	Effects of the new thiazolidine derivative LPSF/GQ-02 on hepatic lipid metabolism pathways in non-alcoholic fatty liver disease (NAFLD). <i>European Journal of Pharmacology</i> , 2016 , 788, 306-314	5.3	5

33	Effects of Sildenafil Citrate and Heparin Treatments on Placental Cell Morphology in a Murine Model of Pregnancy Loss. <i>Cells Tissues Organs</i> , 2016 , 201, 193-202	2.1	5
32	Chronic treatment with Sildenafil has no effect on folliculogenesis or fertility in C57BL/6 and C57BL/6 knockout for iNOS mice. <i>Tissue and Cell</i> , 2015 , 47, 515-25	2.7	4
31	Follicle development and luteal cell morphology altered by phosphodiesterase-5 inhibitor. <i>Micron</i> , 2009 , 40, 845-50	2.3	4
30	Some morphological aspects of Wuchereria bancrofti uterus after treatment with diethylcarbamazine. <i>Micron</i> , 2005 , 36, 17-22	2.3	4
29	RNA binding protein, tristetraprolin in a murine model of recurrent pregnancy loss. <i>Oncotarget</i> , 2016 , 7, 72486-72502	3.3	4
28	cGMP signaling pathway in hepatic encephalopathy neuroinflammation and cognition. <i>International Immunopharmacology</i> , 2020 , 79, 106082	5.8	4
27	Phosphodiesterase-5 inhibitors: Shedding new light on the darkness of depression?. <i>Journal of Affective Disorders</i> , 2020 , 264, 138-149	6.6	4
26	Targeting the Gut Microbiota in Chagas Disease: What Do We Know so Far?. <i>Frontiers in Microbiology</i> , 2020 , 11, 585857	5.7	4
25	Shared metabolic and neuroimmune mechanisms underlying Type 2 Diabetes Mellitus and Major Depressive Disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2021 , 111, 110351	5.5	4
24	Characterization and evaluation of nanoencapsulated diethylcarbamazine in model of acute hepatic inflammation. <i>International Immunopharmacology</i> , 2017 , 50, 330-337	5.8	3
23	Effect of sildenafil on neuroinflammation and synaptic plasticity pathways in experimental autoimmune encephalomyelitis. <i>International Immunopharmacology</i> , 2020 , 85, 106581	5.8	3
22	Chronic LPSF/GQ-02 treatment attenuates inflammation and atherosclerosis development in LDLr mice. <i>European Journal of Pharmacology</i> , 2016 , 791, 622-631	5.3	3
21	Diethylcarbamazine: A potential treatment drug for pulmonary hypertension?. <i>Toxicology and Applied Pharmacology</i> , 2017 , 333, 92-99	4.6	2
20	Espermatozoides caprinos criopreservados em meio base de leite desnatado acrescido de glutathiona reduzida. <i>Ciencia Rural</i> , 2011 , 41, 1991-1997	1.3	2
19	Immunocytochemical localization of antigens recognized by asymptomatic microfilaremic patient's antisera in microfilariae of Wuchereria bancrofti. <i>Parasitology Research</i> , 2001 , 87, 1050-5	2.4	2
18	Doxycycline reverses cognitive impairment, neuroinflammation and oxidative imbalance induced by D-amphetamine mania model in mice: A promising drug repurposing for bipolar disorder treatment?. <i>European Neuropsychopharmacology</i> , 2021 , 42, 57-74	1.2	2
17	A new diethylcarbamazine formulation (NANO-DEC) as a therapeutic tool for hepatic fibrosis. <i>International Immunopharmacology</i> , 2018 , 64, 280-288	5.8	2
16	Fine structure of intrascrotal lymphatic vessels infected by Wuchereria bancrofti adult worms. <i>Journal of Submicroscopic Cytology and Pathology</i> , 2001 , 33, 125-31		2

15	Localisation and distribution of Wuchereria bancrofti antigens recognised by antisera from tropical pulmonary eosinophilia and from individuals with intestinal helminths. <i>Journal of Submicroscopic Cytology and Pathology</i> , 2003 , 35, 61-8		2
14	Does physical exercise influence in the development of neuroschistosomiasis?. <i>Brain Research Bulletin</i> , 2019 , 152, 311-322	3.9	1
13	Cytochemical characterization of the third-stage larva of Wuchereria bancrofti (Nematoda: Filarioidea). <i>Parasitology Research</i> , 2006 , 99, 14-20	2.4	1
12	Immunocytochemical and freeze-fracture characterization of the Caenorhabditis elegans DR 847 bli-1(n361) mutant which produces abnormal cuticle blisters. <i>Cell and Tissue Research</i> , 2003 , 312, 229-35	4.2	1
11	Effects of intratesticular injection of zinc-based solution in rats in combination with anti-inflammatory and analgesic drugs during chemical sterilization. <i>Veterinary World</i> , 2018 , 11, 649-656	1.7	1
10	Influence of fatty acids in maternal diet on atherogenesis in offspring of LDL receptor-deficient mice. <i>International Journal of Clinical and Experimental Medicine</i> , 2012 , 5, 56-63		1
9	Metformin and fluoxetine improve depressive-like behavior in a murine model of Parkinson's disease through the modulation of neuroinflammation, neurogenesis and neuroplasticity. <i>International Immunopharmacology</i> , 2021 , 102, 108415	5.8	1
8	Streptomyces hygroscopicus UFPEDA 3370: A valuable source of the potent cytotoxic agent nigericin and its evaluation against human colorectal cancer cells. <i>Chemico-Biological Interactions</i> , 2021 , 333, 109316	5	1
7	Personalized Nutrition for Depression: Impact on the Unholy Trinity. <i>NeuroImmunoModulation</i> , 2021 , 28, 47-51	2.5	1
6	Isolates of Bacillus thuringiensis from Maranhão biomes with potential insecticidal action against Aedes aegypti larvae (Diptera, Culicidae). <i>Brazilian Journal of Biology</i> , 2021 , 81, 114-124	1.5	1
5	Antral follicular count and its relationship with ovarian volume, preantral follicle population and survival, oocyte meiotic progression and ultrastructure of matured bovine cumulus-oocyte complexes. <i>Zygote</i> , 2020 , 28, 495-503	1.6	0
4	Sildenafil Alleviates Murine Experimental Autoimmune Encephalomyelitis by Triggering Autophagy in the Spinal Cord. <i>Frontiers in Immunology</i> , 2021 , 12, 671511	8.4	0
3	TINY IN SIZE, BIG IN IMPACT: EXTRACELLULAR VESICLES AS MODULATORS OF MOOD, ANXIETY AND NEURODEVELOPMENTAL DISORDERS.. <i>Neuroscience and Biobehavioral Reviews</i> , 2022 , 104582	9	0
2	Microbial Metabolites in Multiple Sclerosis: Implications for Pathogenesis and Treatment.. <i>Frontiers in Neuroscience</i> , 2022 , 16, 885031	5.1	0
1	Effect of chronic treatment with new benzylidene-thiazolidine-2,4-dione (LPSF/GQ-06) with potential hypoglycemic on rat Leydig cell steroidogenesis. <i>Medicinal Chemistry Research</i> , 2013 , 22, 240-246	2.2	0