

# Christina Alves Peixoto

## List of Publications by Year in Descending Order

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**Version:** 2024-04-20

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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	TINY IN SIZE, BIG IN IMPACT: EXTRACELLULAR VESICLES AS MODULATORS OF MOOD, ANXIETY AND NEURODEVELOPMENTAL DISORDERS.. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2022</b> , 104582	9	0
85	Microbial Metabolites in Multiple Sclerosis: Implications for Pathogenesis and Treatment.. <i>Frontiers in Neuroscience</i> , <b>2022</b> , 16, 885031	5.1	0
84	Metformin and fluoxetine improve depressive-like behavior in a murine model of Parkinson disease through the modulation of neuroinflammation, neurogenesis and neuroplasticity. <i>International Immunopharmacology</i> , <b>2021</b> , 102, 108415	5.8	1
83	Sildenafil Alleviates Murine Experimental Autoimmune Encephalomyelitis by Triggering Autophagy in the Spinal Cord. <i>Frontiers in Immunology</i> , <b>2021</b> , 12, 671511	8.4	0
82	Metformin prevents p-tau and amyloid plaque deposition and memory impairment in diabetic mice. <i>Experimental Brain Research</i> , <b>2021</b> , 239, 2821-2839	2.3	5
81	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> , <b>2021</b> , 333, 109316	5	1
80	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> , <b>2021</b> , 42, 57-74	1.2	2
79	Personalized Nutrition for Depression: Impact on the Unholy Trinity. <i>NeuroImmunoModulation</i> , <b>2021</b> , 28, 47-51	2.5	1
78	Isolates of Bacillus thuringiensis from Maranhão biomes with potential insecticidal action against Aedes aegypti larvae (Diptera, Culicidae). <i>Brazilian Journal of Biology</i> , <b>2021</b> , 81, 114-124	1.5	1
77	Shared metabolic and neuroimmune mechanisms underlying Type 2 Diabetes Mellitus and Major Depressive Disorder. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2021</b> , 111, 110351	5.5	4
76	The role of prebiotics in cognition, anxiety, and depression. <i>European Neuropsychopharmacology</i> , <b>2020</b> , 34, 1-18	1.2	29
75	Effect of sildenafil on neuroinflammation and synaptic plasticity pathways in experimental autoimmune encephalomyelitis. <i>International Immunopharmacology</i> , <b>2020</b> , 85, 106581	5.8	3
74	cGMP signaling pathway in hepatic encephalopathy neuroinflammation and cognition. <i>International Immunopharmacology</i> , <b>2020</b> , 79, 106082	5.8	4
73	Phosphodiesterase-5 inhibitors: Shedding new light on the darkness of depression?. <i>Journal of Affective Disorders</i> , <b>2020</b> , 264, 138-149	6.6	4
72	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> , <b>2020</b> , 28, 495-503	1.6	0
71	Shared neuroimmune and oxidative pathways underpinning Chagas disease and major depressive disorder. <i>Translational Psychiatry</i> , <b>2020</b> , 10, 419	8.6	5
70	Targeting the Gut Microbiota in Chagas Disease: What Do We Know so Far?. <i>Frontiers in Microbiology</i> , <b>2020</b> , 11, 585857	5.7	4

69	Neurobiological findings underlying depressive behavior in Parkinson's disease: A review. <i>International Immunopharmacology</i> , <b>2020</b> , 83, 106434	5.8	9
68	Preventive role of metformin on peripheral neuropathy induced by diabetes. <i>International Immunopharmacology</i> , <b>2019</b> , 74, 105672	5.8	7
67	Novel insights into the mechanisms underlying depression-associated experimental autoimmune encephalomyelitis. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , <b>2019</b> , 93, 1-10	5.5	16
66	Does physical exercise influence in the development of neuroschistosomiasis?. <i>Brain Research Bulletin</i> , <b>2019</b> , 152, 311-322	3.9	1
65	Tadalafil restores long-term memory and synaptic plasticity in mice with hepatic encephalopathy. <i>Toxicology and Applied Pharmacology</i> , <b>2019</b> , 379, 114673	4.6	14
64	New thiazolidinedione LPSF/GQ-2 inhibits NFB and MAPK activation in LPS-induced acute lung inflammation. <i>International Immunopharmacology</i> , <b>2018</b> , 57, 91-101	5.8	18
63	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> , <b>2018</b> , 79, 477-484	2.3	10
62	Diethylcarbamazine attenuates the expression of pro-fibrogenic markers and hepatic stellate cells activation in carbon tetrachloride-induced liver fibrosis. <i>Inflammopharmacology</i> , <b>2018</b> , 26, 599-609	5.1	7
61	Induction of cancer cell stemness by depletion of macrohistone H2A1 in hepatocellular carcinoma. <i>Hepatology</i> , <b>2018</b> , 67, 636-650	11.2	46
60	Sildenafil ameliorates EAE by decreasing apoptosis in the spinal cord of C57BL/6 mice. <i>Journal of Neuroimmunology</i> , <b>2018</b> , 321, 125-137	3.5	17
59	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> , <b>2018</b> , 11, 649-656	1.7	1
58	Intraurethral injection with LPS: an effective experimental model of prostatic inflammation. <i>Inflammation Research</i> , <b>2018</b> , 67, 43-55	7.2	12
57	Molecular Mechanisms of Phosphodiesterase-5 Inhibitors on Neuronal Apoptosis. <i>DNA and Cell Biology</i> , <b>2018</b> , 37, 861-865	3.6	7
56	A new diethylcarbamazine formulation (NANO-DEC) as a therapeutic tool for hepatic fibrosis. <i>International Immunopharmacology</i> , <b>2018</b> , 64, 280-288	5.8	2
55	Role of peroxisome proliferator-activated receptors in non-alcoholic fatty liver disease inflammation. <i>Cellular and Molecular Life Sciences</i> , <b>2018</b> , 75, 2951-2961	10.3	36
54	Diethylcarbamazine: A potential treatment drug for pulmonary hypertension?. <i>Toxicology and Applied Pharmacology</i> , <b>2017</b> , 333, 92-99	4.6	2
53	AMPK activation: Role in the signaling pathways of neuroinflammation and neurodegeneration. <i>Experimental Neurology</i> , <b>2017</b> , 298, 31-41	5.7	83
52	Characterization and evaluation of nanoencapsulated diethylcarbamazine in model of acute hepatic inflammation. <i>International Immunopharmacology</i> , <b>2017</b> , 50, 330-337	5.8	3

51	Diethylcarbamazine attenuates LPS-induced acute lung injury in mice by apoptosis of inflammatory cells. <i>Pharmacological Reports</i> , <b>2017</b> , 69, 81-89	3.9	16
50	Sildenafil (Viagra(®)) prevents and restores LPS-induced inflammation in astrocytes. <i>Neuroscience Letters</i> , <b>2016</b> , 630, 59-65	3.3	14
49	Phosphodiesterase-5 inhibition promotes remyelination by MCP-1/CCR-2 and MMP-9 regulation in a cuprizone-induced demyelination model. <i>Experimental Neurology</i> , <b>2016</b> , 275 Pt 1, 143-53	5.7	17
48	RNA binding protein, tristetraprolin in a murine model of recurrent pregnancy loss. <i>Oncotarget</i> , <b>2016</b> , 7, 72486-72502	3.3	4
47	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> , <b>2016</b> , 788, 306-314	5.3	5
46	Effects of metformin on inflammation and short-term memory in streptozotocin-induced diabetic mice. <i>Brain Research</i> , <b>2016</b> , 1644, 149-60	3.7	104
45	Chronic LPSF/GQ-02 treatment attenuates inflammation and atherosclerosis development in LDLr mice. <i>European Journal of Pharmacology</i> , <b>2016</b> , 791, 622-631	5.3	3
44	Effects of Sildenafil Citrate and Heparin Treatments on Placental Cell Morphology in a Murine Model of Pregnancy Loss. <i>Cells Tissues Organs</i> , <b>2016</b> , 201, 193-202	2.1	5
43	Activin-A promotes the development of goat isolated secondary follicles in vitro. <i>Zygote</i> , <b>2015</b> , 23, 41-52	1.6	6
42	Involvement of AMPK, IKENFB and eNOS in the sildenafil anti-inflammatory mechanism in a demyelination model. <i>Brain Research</i> , <b>2015</b> , 1627, 119-33	3.7	48
41	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> , <b>2015</b> , 362, 241-51	4.2	21
40	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> , <b>2015</b> , 47, 515-25	2.7	4
39	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> , <b>2015</b> , 10, e0123787	3.7	11
38	Phosphodiesterase-5 Inhibitors: Action on the Signaling Pathways of Neuroinflammation, Neurodegeneration, and Cognition. <i>Mediators of Inflammation</i> , <b>2015</b> , 2015, 940207	4.3	55
37	Diethylcarbamazine: possible therapeutic alternative in the treatment of alcoholic liver disease in C57BL/6 mice. <i>Clinical and Experimental Pharmacology and Physiology</i> , <b>2015</b> , 42, 369-79	3	8
36	Role of iNOS-NO-cGMP signaling in modulation of inflammatory and myelination processes. <i>Brain Research Bulletin</i> , <b>2014</b> , 104, 60-73	3.9	34
35	Diethylcarbamazine inhibits NF- $\kappa$ B activation in acute lung injury induced by carrageenan in mice. <i>International Immunopharmacology</i> , <b>2014</b> , 23, 153-62	5.8	13
34	Effect of chronic Sildenafil treatment on the prostate of C57Bl/6 mice. <i>Tissue and Cell</i> , <b>2014</b> , 46, 439-49	2.7	6

33	Inhibition of NF- $\kappa$ B activation by diethylcarbamazine prevents alcohol-induced liver injury in C57BL/6 mice. <i>Tissue and Cell</i> , <b>2014</b> , 46, 363-71	2.7	12
32	Anti-inflammatory effects of diethylcarbamazine: a review. <i>European Journal of Pharmacology</i> , <b>2014</b> , 734, 35-41	5.3	31
31	Ultrastructural analysis of Elapachone-induced surface membrane damage in male adult Schistosoma mansoni BH strain worms. <i>Experimental Parasitology</i> , <b>2014</b> , 142, 83-90	2.1	15
30	Diethylcarbamazine attenuates the development of carrageenan-induced lung injury in mice. <i>Mediators of Inflammation</i> , <b>2014</b> , 2014, 105120	4.3	14
29	Diethylcarbamazine reduces chronic inflammation and fibrosis in carbon tetrachloride- (CCl <sub>4</sub> ) induced liver injury in mice. <i>Mediators of Inflammation</i> , <b>2014</b> , 2014, 696383	4.3	20
28	Vitamin E (Trolox) addition to Tris-egg yolk extender preserves ram spermatozoon structure and kinematics after cryopreservation. <i>Animal Reproduction Science</i> , <b>2013</b> , 137, 37-44	2.1	35
27	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> , <b>2013</b> , 22, 240-246	2.2	24
26	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> , <b>2013</b> , 22, 81-90	3.8	7
25	Effect of medium composition on the in vitro culture of bovine pre-antral follicles: morphology and viability do not guarantee functionality. <i>Zygote</i> , <b>2013</b> , 21, 125-8	1.6	32
24	Sildenafil (Viagra) protective effects on neuroinflammation: the role of iNOS/NO system in an inflammatory demyelination model. <i>Mediators of Inflammation</i> , <b>2013</b> , 2013, 321460	4.3	46
23	Effect of diethylcarbamazine on chronic hepatic inflammation induced by alcohol in C57BL/6 mice. <i>European Journal of Pharmacology</i> , <b>2012</b> , 689, 194-203	5.3	18
22	Evaluation of testicular degeneration induced by low-frequency electromagnetic fields. <i>Journal of Applied Toxicology</i> , <b>2012</b> , 32, 210-8	4.1	23
21	New imidazolidine derivatives as anti-Trypanosoma cruzi agents: structure-activity relationships. <i>Parasitology Research</i> , <b>2012</b> , 111, 2361-6	2.4	6
20	Sildenafil (Viagra <sup>®</sup> ) down regulates cytokines and prevents demyelination in a cuprizone-induced MS mouse model. <i>Cytokine</i> , <b>2012</b> , 60, 540-51	4	48
19	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> , <b>2012</b> , 5, 56-63		1
18	Espermatozoides caprinos criopreservados em meio base de leite desnatado acrescido de glutatona reduzida. <i>Ciencia Rural</i> , <b>2011</b> , 41, 1991-1997	1.3	2
17	Antischistosomal action of thioxo-imidazolidine compounds: an ultrastructural and cytotoxicity study. <i>Experimental Parasitology</i> , <b>2011</b> , 128, 82-90	2.1	20
16	Chronic treatment with sildenafil stimulates Leydig cell and testosterone secretion. <i>International Journal of Experimental Pathology</i> , <b>2009</b> , 90, 454-62	2.8	50

15	Follicle development and luteal cell morphology altered by phosphodiesterase-5 inhibitor. <i>Micron</i> , <b>2009</b> , 40, 845-50	2.3	4
14	Cytopathological effects of Bacillus sphaericus Cry48Aa/Cry49Aa toxin on binary toxin-susceptible and -resistant Culex quinquefasciatus larvae. <i>Applied and Environmental Microbiology</i> , <b>2009</b> , 75, 4782-9	4.8	16
13	Changes in mouse Leydig cells ultrastructure and testosterone secretion after diethylcarbamazine administration. <i>Micron</i> , <b>2008</b> , 39, 580-6	2.3	9
12	Molecular evidence for apoptosis in microfilariae of Wuchereria bancrofti induced by diethylcarbamazine. <i>Parasitology Research</i> , <b>2008</b> , 103, 717-21	2.4	10
11	Morphological changes in the testis induced by diethylcarbamazine. <i>Reproductive Toxicology</i> , <b>2006</b> , 22, 754-9	3.4	18
10	Influence of hypercalcemia in the formation of tympanosclerosis in rats. <i>Otology and Neurotology</i> , <b>2006</b> , 27, 27-32	2.6	8
9	Cytochemical characterization of the third-stage larva of Wuchereria bancrofti (Nematoda: Filarioidea). <i>Parasitology Research</i> , <b>2006</b> , 99, 14-20	2.4	1
8	The effects of diethylcarbamazine on the ultrastructure of lung cells in vivo. <i>Tissue and Cell</i> , <b>2005</b> , 37, 241-6	2.7	8
7	Some morphological aspects of Wuchereria bancrofti uterus after treatment with diethylcarbamazine. <i>Micron</i> , <b>2005</b> , 36, 17-22	2.3	4
6	The effects of diethylcarbamazine on the ultrastructure of microfilariae of Wuchereria bancrofti in vivo and in vitro. <i>Parasitology Research</i> , <b>2004</b> , 92, 513-7	2.4	19
5	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> , <b>2003</b> , 312, 229-35	4.2	1
4	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> , <b>2003</b> , 35, 61-8		2
3	Immunocytochemical localization of antigens recognized by asymptomatic microfilaremic patients' antisera in microfilariae of Wuchereria bancrofti. <i>Parasitology Research</i> , <b>2001</b> , 87, 1050-5	2.4	2
2	Fine structure of intrascrotal lymphatic vessels infected by Wuchereria bancrofti adult worms. <i>Journal of Submicroscopic Cytology and Pathology</i> , <b>2001</b> , 33, 125-31		2
1	Immunocytochemical localization and distribution of human albumin in Wuchereria bancrofti adult worms. <i>Archives of Pathology and Laboratory Medicine</i> , <b>1999</b> , 123, 173-7	5	8