

# Luiz Gustavo A Chuffa

## List of Publications by Year in descending order

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85  
papers

1,651  
citations

304743

22  
h-index

361022

35  
g-index

89  
all docs

89  
docs citations

89  
times ranked

2126  
citing authors

#	ARTICLE	IF	CITATIONS
1	The role of sex hormones and steroid receptors on female reproductive cancers. <i>Steroids</i> , 2017, 118, 93-108.	1.8	113
2	Melatonin attenuates the TLR4-mediated inflammatory response through MyD88- and TRIF-dependent signaling pathways in an in vivo model of ovarian cancer. <i>BMC Cancer</i> , 2015, 15, 34.	2.6	83
3	Melatonin reduces LH, 17 beta-estradiol and induces differential regulation of sex steroid receptors in reproductive tissues during rat ovulation. <i>Reproductive Biology and Endocrinology</i> , 2011, 9, 108.	3.3	74
4	Quercetin ameliorates glucose and lipid metabolism and improves antioxidant status in postnatally monosodium glutamate-induced metabolic alterations. <i>Food and Chemical Toxicology</i> , 2012, 50, 3556-3561.	3.6	66
5	Melatonin as a promising agent to treat ovarian cancer: molecular mechanisms. <i>Carcinogenesis</i> , 2017, 38, 945-952.	2.8	58
6	Melatonin inhibits Warburg-dependent cancer by redirecting glucose oxidation to the mitochondria: a mechanistic hypothesis. <i>Cellular and Molecular Life Sciences</i> , 2020, 77, 2527-2542.	5.4	52
7	Melatonin Reduces Angiogenesis in Serous Papillary Ovarian Carcinoma of Ethanol-Preferring Rats. <i>International Journal of Molecular Sciences</i> , 2017, 18, 763.	4.1	50
8	Melatonin Promotes Uterine and Placental Health: Potential Molecular Mechanisms. <i>International Journal of Molecular Sciences</i> , 2020, 21, 300.	4.1	50
9	Melatonin Attenuates Her-2, p38 MAPK, p-AKT, and mTOR Levels in Ovarian Carcinoma of Ethanol-Preferring Rats. <i>Journal of Cancer</i> , 2014, 5, 728-735.	2.5	47
10	Apoptosis is triggered by melatonin in an in vivo model of ovarian carcinoma. <i>Endocrine-Related Cancer</i> , 2016, 23, 65-76.	3.1	46
11	The role of mast cells in male infertility. <i>Expert Review of Clinical Immunology</i> , 2011, 7, 627-634.	3.0	43
12	Mitochondrial functions and melatonin: a tour of the reproductive cancers. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 837-863.	5.4	41
13	Characterization of Chemically Induced Ovarian Carcinomas in an Ethanol-Preferring Rat Model: Influence of Long-Term Melatonin Treatment. <i>PLoS ONE</i> , 2013, 8, e81676.	2.5	37
14	Melatonin and ethanol intake exert opposite effects on circulating estradiol and progesterone and differentially regulate sex steroid receptors in the ovaries, oviducts, and uteri of adult rats. <i>Reproductive Toxicology</i> , 2013, 39, 40-49.	2.9	34
15	Quantitative Proteomic Profiling Reveals That Diverse Metabolic Pathways Are Influenced by Melatonin in an in Vivo Model of Ovarian Carcinoma. <i>Journal of Proteome Research</i> , 2016, 15, 3872-3882.	3.7	34
16	Long-term melatonin treatment reduces ovarian mass and enhances tissue antioxidant defenses during ovulation in the rat. <i>Brazilian Journal of Medical and Biological Research</i> , 2011, 44, 217-223.	1.5	32
17	A meta-analysis of microRNA networks regulated by melatonin in cancer: Portrait of potential candidates for breast cancer treatment. <i>Journal of Pineal Research</i> , 2020, 69, e12693.	7.4	32
18	Melatonin: A mitochondrial resident with a diverse skill set. <i>Life Sciences</i> , 2022, 301, 120612.	4.3	32

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19	The role of Toll-like receptor 4 signaling pathway in ovarian, cervical, and endometrial cancers. <i>Life Sciences</i> , 2020, 247, 117435.	4.3	30
20	Nandrolone Decanoate and Physical Effort: Histological and Morphometrical Assessment in Adult Rat Uterus. <i>Anatomical Record</i> , 2011, 294, 335-341.	1.4	26
21	Physical exercise on the rat ventral prostate: Steroid hormone receptors, apoptosis and cell proliferation. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2012, 22, e86-92.	2.9	26
22	Apoptosis of Purkinje and Granular Cells of the Cerebellum Following Chronic Ethanol Intake. <i>Cerebellum</i> , 2014, 13, 728-738.	2.5	25
23	Mast Cells and Ethanol Consumption: Interactions in the Prostate, Epididymis and Testis of UChB Rats. <i>American Journal of Reproductive Immunology</i> , 2011, 66, 170-178.	1.2	24
24	Melatonin and Pathological Cell Interactions: Mitochondrial Glucose Processing in Cancer Cells. <i>International Journal of Molecular Sciences</i> , 2021, 22, 12494.	4.1	24
25	Melatonin synthesis in and uptake by mitochondria: implications for diseased cells with dysfunctional mitochondria. <i>Future Medicinal Chemistry</i> , 2021, 13, 335-339.	2.3	23
26	Exosomes and Melatonin: Where Their Destinies Intersect. <i>Frontiers in Immunology</i> , 2021, 12, 692022.	4.8	23
27	Melatonin-Loaded Nanocarriers: New Horizons for Therapeutic Applications. <i>Molecules</i> , 2021, 26, 3562.	3.8	22
28	Melatonin Reverses the Warburg-Type Metabolism and Reduces Mitochondrial Membrane Potential of Ovarian Cancer Cells Independent of MT1 Receptor Activation. <i>Molecules</i> , 2022, 27, 4350.	3.8	21
29	Ovarian histology and follicular score in female rats treated with nandrolone decanoate and submitted to physical effort. <i>Acta Biologica Hungarica</i> , 2009, 60, 253-261.	0.7	20
30	Dose-Dependent Effects and Reversibility of the Injuries Caused by Nandrolone Decanoate in Uterine Tissue and Fertility of Rats. <i>Birth Defects Research Part B: Developmental and Reproductive Toxicology</i> , 2014, 101, 168-177.	1.4	20
31	Clock genes and the role of melatonin in cancer cells: an overview. <i>Melatonin Research</i> , 2019, 2, 133-157.	1.1	20
32	Ovarian structure and hormonal status of the UChA and UChB adult rats in response to ethanol. <i>Maturitas</i> , 2009, 62, 21-29.	2.4	19
33	Effects of different doses of nandrolone decanoate on estrous cycle and ovarian tissue of rats after treatment and recovery periods. <i>International Journal of Experimental Pathology</i> , 2015, 96, 338-349.	1.3	17
34	Aging whole blood transcriptome reveals candidate genes for SARS-CoV-2-related vascular and immune alterations. <i>Journal of Molecular Medicine</i> , 2022, 100, 285-301.	3.9	16
35	Effects of <i>Bauhinia forficata</i> on glycaemia, lipid profile, hepatic glycogen content and oxidative stress in rats exposed to Bisphenol A. <i>Toxicology Reports</i> , 2019, 6, 244-252.	3.3	15
36	Part-time cancers and role of melatonin in determining their metabolic phenotype. <i>Life Sciences</i> , 2021, 278, 119597.	4.3	15

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37	Nandrolone decanoate and resistance exercise training favor the occurrence of lesions and activate the inflammatory response in the ventral prostate. <i>Andrology</i> , 2016, 4, 473-480.	3.5	14
38	Sex steroid receptors and apoptosis-related proteins are differentially expressed in polycystic ovaries of adult dogs. <i>Tissue and Cell</i> , 2016, 48, 10-17.	2.2	14
39	P-MAPA and Interleukin-12 Reduce Cell Migration/Invasion and Attenuate the Toll-Like Receptor-Mediated Inflammatory Response in Ovarian Cancer SKOV-3 Cells: A Preliminary Study. <i>Molecules</i> , 2020, 25, 5.	3.8	14
40	Long-term sucrose solution consumption causes metabolic alterations and affects hepatic oxidative stress in wistar rats. <i>Biology Open</i> , 2020, 9, .	1.2	14
41	The expression of aquaporins 1 and 9 in adult rat epididymis is perturbed by chronic exposure to ethanol. <i>Tissue and Cell</i> , 2012, 44, 47-53.	2.2	13
42	P-MAPA immunotherapy potentiates the effect of cisplatin on serous ovarian carcinoma through targeting TLR4 signaling. <i>Journal of Ovarian Research</i> , 2018, 11, 8.	3.0	13
43	Mimicking the tumor microenvironment: Fibroblasts reduce miR-29b expression and increase the motility of ovarian cancer cells in a co-culture model. <i>Biochemical and Biophysical Research Communications</i> , 2019, 516, 96-101.	2.1	13
44	Long-Term Exogenous Melatonin Treatment Modulates Overall Feed Efficiency and Protects Ovarian Tissue Against Injuries Caused by Ethanol-Induced Oxidative Stress in Adult UChB Rats. <i>Alcoholism: Clinical and Experimental Research</i> , 2011, 35, no-no.	2.4	12
45	Ethanol and caffeine consumption modulates the expression of miRNAs in the cerebellum and plasma of UChB rats. <i>Life Sciences</i> , 2019, 229, 180-186.	4.3	11
46	P-MAPA activates TLR2 and TLR4 signaling while its combination with IL-12 stimulates CD4+ and CD8+ effector T cells in ovarian cancer. <i>Life Sciences</i> , 2020, 254, 117786.	4.3	11
47	Testosterone Therapy Differently Regulates the Anti- and Pro-inflammatory Cytokines in the Plasma and Prostate of Rats Submitted to Chronic Ethanol Consumption (UChB). <i>American Journal of Reproductive Immunology</i> , 2014, 72, 317-325.	1.2	10
48	Ovarian sex steroid receptors and sex hormones in androgenized rats. <i>Reproduction</i> , 2016, 152, 545-559.	2.6	10
49	Variations in maternal care alter corticosterone and 17beta-estradiol levels, estrous cycle and folliculogenesis and stimulate the expression of estrogen receptors alpha and beta in the ovaries of UCh rats. <i>Reproductive Biology and Endocrinology</i> , 2011, 9, 160.	3.3	9
50	Interactions of ethanol and caffeine on apoptosis in the rat cerebellum (voluntary ethanol) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 222 Td</i>	3.0	9
51	Maternal protein restriction differentially alters the expression of AQP1, AQP9 and VEGFr-2 in the epididymis of rat offspring. <i>International Journal of Molecular Sciences</i> , 2019, 20, 469.	4.1	9
52	P-MAPA and IL-12 Differentially Regulate Proteins Associated with Ovarian Cancer Progression: A Proteomic Study. <i>ACS Omega</i> , 2019, 4, 21761-21777.	3.5	9
53	Physical resistance training-induced changes in lipids metabolism pathways and apoptosis in prostate. <i>Lipids in Health and Disease</i> , 2020, 19, 14.	3.0	9
54	Pterostilbene influences glycemia and lipidemia and enhances antioxidant status in the liver of rats that consumed sucrose solution. <i>Life Sciences</i> , 2021, 269, 119048.	4.3	8

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55	Liquid Biopsy as a Diagnostic and Prognostic Tool for Women and Female Dogs with Breast Cancer. <i>Cancers</i> , 2021, 13, 5233.	3.7	8
56	Chronic Ethanol Consumption Alters All <i>trans</i> -Retinoic Acid Concentration and Expression of Their Receptors on the Prostate: A Possible Link Between Alcoholism and Prostate Damage. <i>Alcoholism: Clinical and Experimental Research</i> , 2013, 37, 49-56.	2.4	7
57	Sex steroid receptors profiling is influenced by nandrolone decanoate in the ampulla of the fallopian tube: Post-treatment and post-recovery analyses. <i>Tissue and Cell</i> , 2018, 50, 79-88.	2.2	7
58	Serum miRNAs are differentially altered by ethanol and caffeine consumption in rats. <i>Toxicology Research</i> , 2019, 8, 842-849.	2.1	7
59	Protective actions of vitamin D, anandamide and melatonin during vascular inflammation: Epigenetic mechanisms involved. <i>Life Sciences</i> , 2022, 288, 120191.	4.3	7
60	Epigenetic Mechanisms Involved in Inflammaging-Associated Hypertension. <i>Current Hypertension Reports</i> , 2022, 24, 547-562.	3.5	7
61	Calorimetry, Morphometry, Oxidative Stress, and Cardiac Metabolic Response to Growth Hormone Treatment in Obese and Aged Rats. <i>Hormone and Metabolic Research</i> , 2011, 43, 397-403.	1.5	6
62	Androgen therapy reverses injuries caused by ethanol consumption in the prostate: Testosterone as a possible target to ethanol-related disorders. <i>Life Sciences</i> , 2015, 120, 22-30.	4.3	6
63	Histopathological changes in androgenized ovaries are recovered by melatonin treatment. <i>International Journal of Experimental Pathology</i> , 2018, 99, 158-171.	1.3	6
64	Maternal Protein Restriction Modulates Angiogenesis and AQP9 Expression Leading to a Delay in Postnatal Epididymal Development in Rat. <i>Cells</i> , 2019, 8, 1094.	4.1	6
65	Combined effects of age and diet-induced obesity on biochemical parameters and cardiac energy metabolism in rats. <i>Indian Journal of Biochemistry and Biophysics</i> , 2013, 50, 40-7.	0.0	6
66	Interaction of maternal separation on the UCh rat Cerebellum. <i>Microscopy Research and Technique</i> , 2014, 77, 44-51.	2.2	5
67	MMP-2 and MMP-9 Activities and TIMP-1 and TIMP-2 Expression in the Prostatic Tissue of Two Ethanol-Preferring Rat Models. <i>Analytical Cellular Pathology</i> , 2015, 2015, 1-7.	1.4	5
68	Ethanol intake-induced apoptosis in glial cells and axonal disorders in the cerebellar white matter of UChA rats (voluntary ethanol consumers). <i>Tissue and Cell</i> , 2015, 47, 389-394.	2.2	5
69	Chronic ethanol intake leads to structural and molecular alterations in the rat endometrium. <i>Alcohol</i> , 2016, 52, 55-61.	1.7	5
70	Modulation of inflammatory and hormonal parameters in response to testosterone therapy: Effects on the ventral prostate of adult rats. <i>Cell Biology International</i> , 2018, 42, 1200-1211.	3.0	5
71	Maternal protein restriction impairs nutrition and ovarian histomorphometry without changing p38MAPK and PI3K-AKT-mTOR signaling in adult rat ovaries. <i>Life Sciences</i> , 2021, 264, 118693.	4.3	5
72	Protein restriction during puberty alters nutritional parameters and affects ovarian and uterine histomorphometry in adulthood in rats. <i>International Journal of Experimental Pathology</i> , 2021, 102, 93-104.	1.3	5

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73	Hepatocellular carcinoma and miRNAs: An in silico approach revealing potential therapeutic targets for polyphenols. <i>Phytomedicine Plus</i> , 2022, 2, 100259.	2.0	5
74	The proteomic landscape of ovarian cancer cells in response to melatonin. <i>Life Sciences</i> , 2022, 294, 120352.	4.3	4
75	Ethanol modulates the synthesis and catabolism of retinoic acid in the rat prostate. <i>Reproductive Toxicology</i> , 2015, 53, 1-9.	2.9	3
76	Strength training protects against prostate injury in alcoholic rats. <i>Journal of Cellular Physiology</i> , 2021, 236, 3675-3687.	4.1	3
77	Presence of human breast cancer xenograft changes the diurnal profile of amino acids in mice. <i>Scientific Reports</i> , 2022, 12, 1008.	3.3	3
78	Melatonergic index as a prognostic biomarker of reproductive organ cancers: correlations with metabolic parameters as well as clock genes PER1 and TIMELESS. <i>Melatonin Research</i> , 2021, 4, 299-315.	1.1	2
79	Nandrolone decanoate causes uterine injury by changing hormone levels and sex steroid receptors in a dose- and time-dependent manner. <i>Reproductive Toxicology</i> , 2021, 102, 98-108.	2.9	2
80	Caffeine consumption attenuates ethanol-induced inflammation through the regulation of adenosinergic receptors in the UChB rats cerebellum. <i>Toxicology Research</i> , 2021, 10, 835-849.	2.1	2
81	Liquid biopsy can detect BRCA2 gene variants in female dogs with mammary neoplasia. <i>Veterinary and Comparative Oncology</i> , 2021, , .	1.8	2
82	Variant expression signatures of microRNAs and protein related to growth in a crossbreed between two strains of Nile tilapia ( <i>Oreochromis niloticus</i> ). <i>Genomics</i> , 2021, 113, 4303-4312.	2.9	2
83	IGFR-I expression and structural analysis of the hard palatine mucosa in an ethanol-drinking rat strain (UChA and UChB). <i>Tissue and Cell</i> , 2011, 43, 101-107.	2.2	1
84	Transcriptomic landscape of male and female reproductive cancers: Similar pathways and molecular signatures predicting response to endocrine therapy. <i>Molecular and Cellular Endocrinology</i> , 2021, 535, 111393.	3.2	1
85	Maternal Protein Restriction Alters the Expression of Proteins Related to the Structure and Functioning of the Rat Offspring Epididymis in an Age-Dependent Manner. <i>Frontiers in Cell and Developmental Biology</i> , 2022, 10, 816637.	3.7	0