

Ariane Zamoner

List of Publications by Year in descending order

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61
papers

1,656
citations

304368

22
h-index

315357

38
g-index

64
all docs

64
docs citations

64
times ranked

2035
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms underlying the neurotoxicity induced by glyphosate-based herbicide in immature rat hippocampus: Involvement of glutamate excitotoxicity. <i>Toxicology</i> , 2014, 320, 34-45.	2.0	185
2	Roundup disrupts male reproductive functions by triggering calcium-mediated cell death in rat testis and Sertoli cells. <i>Free Radical Biology and Medicine</i> , 2013, 65, 335-346.	1.3	146
3	Developmental exposure to glyphosate-based herbicide and depressive-like behavior in adult offspring: Implication of glutamate excitotoxicity and oxidative stress. <i>Toxicology</i> , 2017, 387, 67-80.	2.0	137
4	1 α ,25-Dihydroxyvitamin D3 mechanism of action: Modulation of L-type calcium channels leading to calcium uptake and intermediate filament phosphorylation in cerebral cortex of young rats. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2012, 1823, 1708-1719.	1.9	66
5	Acute intrastratial administration of quinolinic acid provokes hyperphosphorylation of cytoskeletal intermediate filament proteins in astrocytes and neurons of rats. <i>Experimental Neurology</i> , 2010, 224, 188-196.	2.0	60
6	Involvement of GLUT-4 in the stimulatory effect of rutin on glucose uptake in rat soleus muscle. <i>Journal of Pharmacy and Pharmacology</i> , 2013, 65, 1179-1186.	1.2	57
7	Propylthiouracil-induced congenital hypothyroidism upregulates vimentin phosphorylation and depletes antioxidant defenses in immature rat testis. <i>Journal of Molecular Endocrinology</i> , 2008, 40, 125-135.	1.1	50
8	Hyperthyroidism in the developing rat testis is associated with oxidative stress and hyperphosphorylated vimentin accumulation. <i>Molecular and Cellular Endocrinology</i> , 2007, 267, 116-126.	1.6	49
9	Nongenomic and genomic effects of 1 α ,25(OH) ₂ vitamin D3 in rat testis. <i>Life Sciences</i> , 2011, 89, 515-523.	2.0	44
10	Congenital hypothyroidism alters the oxidative status, enzyme activities and morphological parameters in the hippocampus of developing rats. <i>Molecular and Cellular Endocrinology</i> , 2013, 375, 14-26.	1.6	39
11	Signaling mechanisms downstream of quinolinic acid targeting the cytoskeleton of rat striatal neurons and astrocytes. <i>Experimental Neurology</i> , 2012, 233, 391-399.	2.0	34
12	Involvement of calcium-dependent mechanisms in T3-induced phosphorylation of vimentin of immature rat testis. <i>Life Sciences</i> , 2005, 77, 3321-3335.	2.0	30
13	Ionic involvement and kinase activity on the mechanism of nongenomic action of thyroid hormones on 45Ca ²⁺ uptake in cerebral cortex from young rats. <i>Neuroscience Research</i> , 2007, 57, 98-103.	1.0	30
14	Effect of 1 α ,25-dihydroxyvitamin D3 in plasma membrane targets in immature rat testis: Ionic channels and gamma-glutamyl transpeptidase activity. <i>Archives of Biochemistry and Biophysics</i> , 2011, 515, 46-53.	1.4	30
15	1 α ,25(OH) ₂ -vitamin D3 stimulates rapid plasma membrane calcium influx via MAPK activation in immature rat Sertoli cells. <i>Biochimie</i> , 2012, 94, 146-154.	1.3	30
16	Antioxidant intervention attenuates oxidative stress in children and teenagers with Down syndrome. <i>Research in Developmental Disabilities</i> , 2014, 35, 1228-1236.	1.2	29
17	Betulinic acid and 1,25(OH) ₂ vitamin D3 share intracellular signal transduction in glucose homeostasis in soleus muscle. <i>International Journal of Biochemistry and Cell Biology</i> , 2014, 48, 18-27.	1.2	28
18	Effect of 3,5,3-triiodo-L-thyronine on amino acid accumulation and membrane potential in Sertoli cells of the rat testis. <i>Life Sciences</i> , 2001, 69, 977-986.	2.0	26

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19	Rapid responses to thyroxine in the testis: Active protein synthesis-independent pathway. <i>Molecular and Cellular Endocrinology</i> , 2006, 246, 128-134.	1.6	26
20	Short-Term Effects of Thyroid Hormones on Cytoskeletal Proteins Are Mediated by GABAergic Mechanisms in Slices of Cerebral Cortex from Young Rats. <i>Cellular and Molecular Neurobiology</i> , 2006, 26, 209-224.	1.7	26
21	N-acetylcysteine and alpha-lipoic acid improve antioxidant defenses and decrease oxidative stress, inflammation and serum lipid levels in ovariectomized rats via estrogen-independent mechanisms. <i>Journal of Nutritional Biochemistry</i> , 2019, 67, 190-200.	1.9	25
22	Nongenomic actions of thyroxine modulate intermediate filament phosphorylation in cerebral cortex of rats. <i>Neuroscience</i> , 2008, 156, 640-652.	1.1	24
23	1 α ,25-Dihydroxyvitamin D ₃ Signaling Pathways on Calcium Uptake in 30-Day-Old Rat Sertoli Cells. <i>Biochemistry</i> , 2011, 50, 10284-10292.	1.2	23
24	Apoptosis oxidative damage-mediated and antiproliferative effect of selenylated imidazo[1,2-a]pyridines on hepatocellular carcinoma HepG2 cells and in vivo. <i>Journal of Biochemical and Molecular Toxicology</i> , 2021, 35, e22663.	1.4	23
25	Thyroid Hormones Reorganize the Cytoskeleton of Glial Cells Through Gfap Phosphorylation and Rhoa-Dependent Mechanisms. <i>Cellular and Molecular Neurobiology</i> , 2007, 27, 845-865.	1.7	22
26	Congenital hypothyroidism is associated with intermediate filament misregulation, glutamate transporters down-regulation and MAPK activation in developing rat brain. <i>NeuroToxicology</i> , 2008, 29, 1092-1099.	1.4	22
27	Vimentin phosphorylation as a target of cell signaling mechanisms induced by 1 α ,25-dihydroxyvitamin D ₃ in immature rat testes. <i>Steroids</i> , 2008, 73, 1400-1408.	0.8	21
28	Membrane-initiated actions of thyroid hormones on the male reproductive system. <i>Life Sciences</i> , 2011, 89, 507-514.	2.0	21
29	Thyroid Hormone and Leptin in the Testis. <i>Frontiers in Endocrinology</i> , 2014, 5, 198.	1.5	21
30	Branched-Chain α -Keto Acids Accumulating in Maple Syrup Urine Disease Induce Reorganization of Phosphorylated GFAP in C6-Glioma Cells. <i>Metabolic Brain Disease</i> , 2005, 20, 205-217.	1.4	19
31	Integrin participates in the effect of thyroxine on plasma membrane in immature rat testis. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2013, 1830, 2629-2637.	1.1	19
32	Persistence of the benefit of an antioxidant therapy in children and teenagers with Down syndrome. <i>Research in Developmental Disabilities</i> , 2015, 45-46, 14-20.	1.2	18
33	Rapid Responses to Reverse T3 Hormone in Immature Rat Sertoli Cells: Calcium Uptake and Exocytosis Mediated by Integrin. <i>PLoS ONE</i> , 2013, 8, e77176.	1.1	18
34	Effects of in vivo treatment with diphenyl ditelluride on the phosphorylation of cytoskeletal proteins in cerebral cortex and hippocampus of rats. <i>NeuroToxicology</i> , 2008, 29, 40-47.	1.4	17
35	Rapid stimulatory effect of thyroxine on plasma membrane transport systems: Calcium uptake and neutral amino acid accumulation in immature rat testis. <i>International Journal of Biochemistry and Cell Biology</i> , 2010, 42, 1046-1051.	1.2	16
36	Branched-chain amino acids accumulating in maple syrup urine disease induce morphological alterations in C6 glioma cells probably through reactive species. <i>International Journal of Developmental Neuroscience</i> , 2007, 25, 181-189.	0.7	15

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37	Maternal Exposure to Ethanol During Pregnancy and Lactation Affects Glutamatergic System and Induces Oxidative Stress in Offspring Hippocampus. <i>Alcoholism: Clinical and Experimental Research</i> , 2016, 40, 52-61.	1.4	15
38	Reverse T3 interacts with $\alpha_2\beta_3$ integrin receptor and restores enzyme activities in the hippocampus of hypothyroid developing rats: Insight on signaling mechanisms. <i>Molecular and Cellular Endocrinology</i> , 2018, 470, 281-294.	1.6	15
39	Acute exposure to bis(2-ethylhexyl)phthalate disrupts calcium homeostasis, energy metabolism and induces oxidative stress in the testis of <i>Danio rerio</i> . <i>Biochimie</i> , 2020, 175, 23-33.	1.3	15
40	IP-Se-06, a Selenylated Imidazo[1,2-a]pyridine, Modulates Intracellular Redox State and Causes Akt/mTOR/HIF-1 α and MAPK Signaling Inhibition, Promoting Antiproliferative Effect and Apoptosis in Glioblastoma Cells. <i>Oxidative Medicine and Cellular Longevity</i> , 2022, 2022, 1-18.	1.9	15
41	Alpha-Ketoisocaproic Acid Increases Phosphorylation of Intermediate Filament Proteins from Rat Cerebral Cortex by Mechanisms Involving Ca ²⁺ and cAMP. <i>Neurochemical Research</i> , 2005, 30, 1139-1146.	1.6	14
42	A Novel Tetrasubstituted Imidazole as a Prototype for the Development of Anti-inflammatory Drugs. <i>Inflammation</i> , 2018, 41, 1334-1348.	1.7	14
43	Genomic-independent action of thyroid hormones on NTPDase activities in Sertoli cell cultures from congenital hypothyroid rats. <i>Life Sciences</i> , 2006, 80, 51-58.	2.0	13
44	Evidence that intracellular Ca ²⁺ mediates the effect of α -ketoisocaproic acid on the phosphorylating system of cytoskeletal proteins from cerebral cortex of immature rats. <i>Journal of the Neurological Sciences</i> , 2005, 238, 75-82.	0.3	12
45	Perinatal exposure to a glyphosate-based herbicide causes dysregulation of dynorphins and an increase of neural precursor cells in the brain of adult male rats. <i>Toxicology</i> , 2021, 461, 152922.	2.0	12
46	Nongenomic Actions of Thyroid Hormones: Every why has a Wherefore. <i>Immunology, Endocrine and Metabolic Agents in Medicinal Chemistry</i> , 2011, 11, 165-178.	0.5	11
47	Pyriproxyfen induces intracellular calcium overload and alters antioxidant defenses in <i>Danio rerio</i> testis that may influence ongoing spermatogenesis. <i>Environmental Pollution</i> , 2021, 270, 116055.	3.7	10
48	Exposure to a Brazilian pulp mill effluent impacts the testis and liver in the zebrafish. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , 2018, 206-207, 41-47.	1.3	9
49	1,25(OH) ₂ vitamin D ₃ signalling on immature rat Sertoli cells: gamma-glutamyl transpeptidase and glucose metabolism. <i>Journal of Cell Communication and Signaling</i> , 2017, 11, 233-243.	1.8	8
50	Experimentally-induced maternal hypothyroidism alters enzyme activities and the sensorimotor cortex of the offspring rats. <i>Molecular and Cellular Endocrinology</i> , 2018, 478, 62-76.	1.6	8
51	Paraquat induces redox imbalance and disrupts glutamate and energy metabolism in the hippocampus of prepubertal rats. <i>NeuroToxicology</i> , 2021, 85, 121-132.	1.4	8
52	New ionic targets of 3,3',5'-triiodothyronine at the plasma membrane of rat Sertoli cells. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2019, 1861, 748-759.	1.4	7
53	Ethanol Exposure During Development, and Brain Oxidative Stress. , 2019, , 493-503.		6
54	A Brazilian pulp and paper mill effluent disrupts energy metabolism in immature rat testis and alters Sertoli cell secretion and mitochondrial activity. <i>Animal Reproduction</i> , 2020, 17, e20190116.	0.4	6

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55	Tucumã (<i>Astrocaryum aculeatum</i>) Prevents Oxidative and DNA Damage to Retinal Pigment Epithelium Cells. <i>Journal of Medicinal Food</i> , 2021, 24, 1050-1057.	0.8	4
56	Intermediate Filaments as a Target of Signaling Mechanisms in Neurotoxicity. , 0, , .		2
57	Phenolic Compounds Isolated from <i>Calea uniflora</i> Less. Promote Anti-Inflammatory and Antioxidant Effects in Mice Neutrophils (<i>Ex Vivo</i>) and in Mice Pleurisy Model (<i>In Vivo</i>). <i>Mediators of Inflammation</i> , 2019, 2019, 1-10.	1.4	2
58	Triterpene betulin may be involved in the acute effects of pulp and paper mill effluent on testis physiology in zebrafish. <i>Toxicology in Vitro</i> , 2021, 73, 105147.	1.1	2
59	Risk assessment of a coastal lacustrine environment using oxidative stress biomarkers present in the digestive gland of the Brazilian clam <i>Anomalocardia brasiliana</i> . <i>SDRP Journal of Aquaculture Fisheries & Fish Science</i> , 2018, 2, 1-8.	1.0	1
60	Deregulation of purinergic ectoenzyme activity in head and neck cancer promotes immunosuppression. <i>Molecular Biology Reports</i> , 2022, 49, 7687-7695.	1.0	1
61	Estudo Exploratório entre Trabalhadores Rurais Expostos Ocupacionalmente a Agrotóxicos. <i>Revista Uniandrade</i> , 2015, 16, 31-38.	0.1	0