

Francielli W S Cibirin

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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.

82
papers

1,407
citations

23
h-index

32
g-index

87
ext. papers

1,553
ext. citations

3.3
avg, IF

4.08
L-index

#	Paper	IF	Citations
82	Diphenyl diselenide reverses cadmium-induced oxidative damage on mice tissues. <i>Chemico-Biological Interactions</i> , 2005 , 151, 159-65	5	93
81	Cadmium induced testicular damage and its response to administration of succimer and diphenyl diselenide in mice. <i>Toxicology Letters</i> , 2004 , 152, 255-63	4.4	68
80	Efficacy of diphenyl diselenide against cerebral and pulmonary damage induced by cadmium in mice. <i>Toxicology Letters</i> , 2007 , 173, 181-90	4.4	60
79	Memory deficits and oxidative stress in cerebral ischemia-reperfusion: neuroprotective role of physical exercise and green tea supplementation. <i>Neurobiology of Learning and Memory</i> , 2014 , 114, 242-50	3.1	47
78	Bis selenide alkene derivatives: A class of potential antioxidant and antinociceptive agents. <i>Pharmacology Biochemistry and Behavior</i> , 2006 , 83, 221-9	3.9	46
77	Efficacy of 2,3-dimercapto-1-propanesulfonic acid (DMPS) and diphenyl diselenide on cadmium induced testicular damage in mice. <i>Food and Chemical Toxicology</i> , 2005 , 43, 1723-30	4.7	46
76	Chronic exposure to low doses of mercury impairs sperm quality and induces oxidative stress in rats. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2014 , 77, 143-54	3.2	45
75	Dryanol protects against acute cadmium-induced oxidative damage in mice testes. <i>Food and Chemical Toxicology</i> , 2013 , 55, 526-32	4.7	43
74	Apocynin prevents vascular effects caused by chronic exposure to low concentrations of mercury. <i>PLoS ONE</i> , 2013 , 8, e55806	3.7	37
73	Sub-chronic administration of diphenyl diselenide potentiates cadmium-induced testicular damage in mice. <i>Reproductive Toxicology</i> , 2006 , 22, 546-50	3.4	35
72	Antinociceptive and anti-hypernociceptive effects of Se-phenyl thiazolidine-4-carboselenoate in mice. <i>European Journal of Pharmacology</i> , 2011 , 668, 169-76	5.3	33
71	Effect of heat stress on the survival and development of in vitro cultured bovine preantral follicles and on in vitro maturation of cumulus-oocyte complex. <i>Theriogenology</i> , 2016 , 86, 994-1003	2.8	33
70	Cadmium inhibits delta-aminolevulinatase from rat lung in vitro: interaction with chelating and antioxidant agents. <i>Chemico-Biological Interactions</i> , 2007 , 165, 127-37	5	31
69	Synthesis of 5?-seleno-xylofuranosides. <i>Tetrahedron</i> , 2010 , 66, 3441-3446	2.4	30
68	Interaction between metals and chelating agents affects glutamate binding on brain synaptic membranes. <i>Neurochemical Research</i> , 2003 , 28, 1859-65	4.6	29
67	Effects of green tea and physical exercise on memory impairments associated with aging. <i>Neurochemistry International</i> , 2014 , 78, 53-60	4.4	28
66	Green tea infusion improves cyclophosphamide-induced damage on male mice reproductive system. <i>Toxicology Reports</i> , 2015 , 2, 252-260	4.8	28

65	Anethole improves the in vitro development of isolated caprine secondary follicles. <i>Theriogenology</i> , 2017 , 89, 226-234	2.8	27
64	Protects against Male Reproductive Damage Induced by Cyclophosphamide in Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2018 , 2018, 5758191	6.7	26
63	Supplementation with different teas from <i>Camellia sinensis</i> prevents memory deficits and hippocampus oxidative stress in ischemia-reperfusion. <i>Neurochemistry International</i> , 2017 , 108, 287-295	4.4	24
62	Seleno- and telluro-xylofuranosides attenuate Mn-induced toxicity in <i>C. elegans</i> via the DAF-16/FOXO pathway. <i>Food and Chemical Toxicology</i> , 2014 , 64, 192-9	4.7	24
61	Diphenyl diselenide prevents oxidative damage induced by cigarette smoke exposure in lung of rat pups. <i>Toxicology</i> , 2007 , 230, 189-96	4.4	24
60	Heavy metals modulate glutamatergic system in human platelets. <i>Neurochemical Research</i> , 2007 , 32, 953-8	4.6	24
59	The periovulatory endocrine milieu affects the uterine redox environment in beef cows. <i>Reproductive Biology and Endocrinology</i> , 2015 , 13, 39	5	23
58	High sucrose consumption potentiates the sub-acute cadmium effect on Na ⁺ /K ⁺ -ATPase but not on delta-aminolevulinatase in mice. <i>Toxicology Letters</i> , 2004 , 153, 333-41	4.4	22
57	Anethole reduces oxidative stress and improves in vitro survival and activation of primordial follicles. <i>Brazilian Journal of Medical and Biological Research</i> , 2018 , 51, e7129	2.8	20
56	Antioxidants and metallothionein levels in mercury-treated mice. <i>Cell Biology and Toxicology</i> , 2006 , 22, 429-38	7.4	19
55	FSH supplementation to culture medium is beneficial for activation and survival of preantral follicles enclosed in equine ovarian tissue. <i>Theriogenology</i> , 2016 , 85, 1106-12	2.8	18
54	Catalase addition to vitrification solutions maintains goat ovarian preantral follicles stability. <i>Research in Veterinary Science</i> , 2014 , 97, 140-7	2.5	18
53	Reduction of centrifugation force in discontinuous percoll gradients increases in vitro fertilization rates without reducing bovine sperm recovery. <i>Animal Reproduction Science</i> , 2014 , 146, 103-10	2.1	17
52	Ebselen attenuates cadmium-induced testicular damage in mice. <i>Journal of Applied Toxicology</i> , 2008 , 28, 322-8	4.1	17
51	Frozen and fresh ovarian tissue require different culture media to promote in vitro development of bovine preantral follicles. <i>Biopreservation and Biobanking</i> , 2014 , 12, 317-24	2.1	16
50	Insulin improves in vitro survival of equine preantral follicles enclosed in ovarian tissue and reduces reactive oxygen species production after culture. <i>Theriogenology</i> , 2016 , 85, 1063-9	2.8	15
49	Role of EGF on in situ culture of equine preantral follicles and metabolomics profile. <i>Research in Veterinary Science</i> , 2017 , 115, 155-164	2.5	14
48	Cadmium inhibits the ovary δ -aminolevulinatase activity in vitro and ex vivo: protective role of seleno-furanoside. <i>Journal of Applied Toxicology</i> , 2013 , 33, 679-84	4.1	14

47	Short-term green tea supplementation prevents recognition memory deficits and ameliorates hippocampal oxidative stress induced by different stroke models in rats. <i>Brain Research Bulletin</i> , 2017 , 131, 78-84	3.9	13
46	Fresh and vitrified bovine preantral follicles have different nutritional requirements during in vitro culture. <i>Cell and Tissue Banking</i> , 2014 , 15, 591-601	2.2	13
45	2,3-Dimercaptopropanol, 2,3-dimercaptopropane-1-sulfonic acid and meso-2,3-dimercaptosuccinic acid increase lead-induced inhibition of delta-aminolevulinate dehydratase in vitro and ex vivo. <i>Toxicology in Vitro</i> , 2006 , 20, 317-23	3.6	13
44	DMPS and N-acetylcysteine induced renal toxicity in mice exposed to mercury. <i>BioMetals</i> , 2006 , 19, 389-394	3.4	13
43	2,3-Dimercaptopropanol, 2,3-dimercaptopropane-1-sulfonic acid, and meso-2,3-dimercaptosuccinic acid inhibit delta-aminolevulinate dehydratase from human erythrocytes in vitro. <i>Environmental Research</i> , 2004 , 94, 254-61	7.9	13
42	Selenofuranoside improves long-term memory deficits in rats after exposure to monosodium glutamate: Involvement of Na, K-ATPase activity. <i>Physiology and Behavior</i> , 2018 , 184, 27-33	3.5	13
41	Reproductive dysfunction after mercury exposure at low levels: evidence for a role of glutathione peroxidase (GPx) 1 and GPx4 in male rats. <i>Reproduction, Fertility and Development</i> , 2017 , 29, 1803-1812	1.8	12
40	Silicon Reverses Lipid Peroxidation but not Acetylcholinesterase Activity Induced by Long-Term Exposure to Low Aluminum Levels in Rat Brain Regions. <i>Biological Trace Element Research</i> , 2016 , 169, 77-85	4.5	12
39	Physical exercise prevents motor disorders and striatal oxidative imbalance after cerebral ischemia-reperfusion. <i>Brazilian Journal of Medical and Biological Research</i> , 2015 , 48, 798-804	2.8	12
38	Selenofuranoside Ameliorates Memory Loss in Alzheimer-Like Sporadic Dementia: AChE Activity, Oxidative Stress, and Inflammation Involvement. <i>Oxidative Medicine and Cellular Longevity</i> , 2015 , 2015, 976908	6.7	12
37	Catechins are not major components responsible for the beneficial effect of Camellia sinensis on the ovarian β ALA-D activity inhibited by cadmium. <i>Food and Chemical Toxicology</i> , 2013 , 55, 463-9	4.7	12
36	Influence of follicle size on bovine oocyte lipid composition, follicular metabolic and stress markers, embryo development and blastocyst lipid content. <i>Reproduction, Fertility and Development</i> , 2019 , 31, 462-472	1.8	12
35	Involvement of non-enzymatic antioxidant defenses in the protective effect of diphenyl diselenide on testicular damage induced by cadmium in mice. <i>Journal of Trace Elements in Medicine and Biology</i> , 2009 , 23, 324-33	4.1	11
34	Cadmium exposure activates NADPH oxidase, renin-angiotensin system and cyclooxygenase 2 pathways in arteries, inducing hypertension and vascular damage. <i>Toxicology Letters</i> , 2020 , 333, 80-89	4.4	11
33	Cationic and anionic unloaded polymeric nanocapsules: Toxicological evaluation in rats shows low toxicity. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 116, 109014	7.5	9
32	Refining insulin concentrations in culture medium containing growth factors BMP15 and GDF9: An in vitro study of the effects on follicle development of goats. <i>Animal Reproduction Science</i> , 2017 , 185, 118-127	2.1	9
31	Catalase prevents lipid peroxidation and enhances survival of caprine preantral follicles cryopreserved in a 1,2-propanediol-freezing medium. <i>Biopreservation and Biobanking</i> , 2012 , 10, 338-42	2.1	9
30	Blueberry (<i>Vaccinium ashei</i> Reade) extract ameliorates ovarian damage induced by subchronic cadmium exposure in mice: Potential β ALA-D involvement. <i>Environmental Toxicology</i> , 2017 , 32, 188-196	4.2	8

29	In Vitro Probiotic and Antioxidant Potential of subsp. LL95 and Its Effect in Mice Behaviour. <i>Nutrients</i> , 2019 , 11,	6.7	8
28	Anti-Inflammatory and Anti-Oxidant Effects of p-Chloro-phenyl-selenoesterol on TNBS-Induced Inflammatory Bowel Disease in Mice. <i>Journal of Cellular Biochemistry</i> , 2017 , 118, 709-717	4.7	8
27	Effects of cafeteria diet on memory and hippocampal oxidative stress in a rat model of Alzheimer-like disease: Neuroprotection of green tea supplementation. <i>Journal of Functional Foods</i> , 2018 , 49, 277-284	5.1	8
26	Effect of Catalase or Alpha Lipoic Acid Supplementation in the Vitrification Solution of Ovine Ovarian Tissue. <i>Biopreservation and Biobanking</i> , 2018 , 16, 258-269	2.1	7
25	First pregnancy after in vitro culture of early antral follicles in goats: Positive effects of anethole on follicle development and steroidogenesis. <i>Molecular Reproduction and Development</i> , 2020 , 87, 966-977	2.6	7
24	Supplementation of in vitro culture medium with FSH to grow follicles and mature oocytes can be replaced by extracts of <i>Justicia insularis</i> . <i>PLoS ONE</i> , 2018 , 13, e0208760	3.7	7
23	Ovarian transport temperature (4 vs 33 °C) impacts differently the in vitro development of isolated goat preantral and antral follicles. <i>Small Ruminant Research</i> , 2017 , 155, 16-23	1.7	6
22	Comparative effect of teas on object recognition test deficit and metabolic changes induced by cafeteria diet. <i>Nutritional Neuroscience</i> , 2019 , 22, 531-540	3.6	6
21	In vitro growth and development of isolated secondary follicles from vitrified caprine ovarian cortex. <i>Reproduction, Fertility and Development</i> , 2018 , 30, 359-370	1.8	6
20	Effect of quinine-loaded polysorbate-coated nanocapsules on male and female reproductive systems of rats. <i>Toxicology Research</i> , 2016 , 5, 1561-1572	2.6	5
19	Anethole Supplementation During Oocyte Maturation Improves In Vitro Production of Bovine Embryos. <i>Reproductive Sciences</i> , 2020 , 27, 1602-1608	3	5
18	Oxygen tension and oocyte density during in vitro maturation affect the in vitro fertilization of bovine oocytes. <i>Semina: Ciencias Agrarias</i> , 2015 , 36, 4277	0.6	4
17	Anethole improves blastocysts rates together with antioxidant capacity when added during bovine embryo culture rather than in the maturation medium. <i>Zygote</i> , 2019 , 27, 382-385	1.6	3
16	Anethole Supplementation During Oocyte Maturation Improves In Vitro Production of Bovine Embryos. <i>Reproductive Sciences</i> , 2019 , 1933719119831783	3	3
15	Effect of Ebryzanol on testicular degeneration induced by scrotal insulation in rams. <i>Theriogenology</i> , 2019 , 128, 167-175	2.8	3
14	Reduction in Percoll volume increases recovery rate of sex-sorted semen of bulls without affecting sperm quality and early embryonic development. <i>Animal Reproduction Science</i> , 2018 , 192, 146-153	2.1	3
13	Use of synthetic polymers improves the quality of vitrified caprine preantral follicles in the ovarian tissue. <i>Acta Histochemica</i> , 2020 , 122, 151484	2	3
12	2,3-Dimercaptopropanol, 2,3-dimercaptopropane-1-sulfonic acid and meso-2,3-dimercaptosuccinic acid acute administration differentially change biochemical parameters in mice. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2005 , 96, 331-4	3.1	2

11	Use of a colloid to optimize centrifugation in the selection of bovine sperm for IVF. <i>Semina:Ciencias Agrarias</i> , 2018 , 39, 1607	0.6	2
10	A subchronic low-dose exposure of a glyphosate-based herbicide induces depressive and anxious-like behavior in mice: quercetin therapeutic approach. <i>Environmental Science and Pollution Research</i> , 2021 , 28, 67394-67403	5.1	2
9	Egg white hydrolysate prevents reproductive impairments induced by cadmium in rats. <i>Journal of Functional Foods</i> , 2020 , 67, 103823	5.1	1
8	Powdered coconut water (ACP 406) as an alternative base culture medium for culture of goat preantral follicles enclosed in ovarian tissue. <i>Animal Reproduction</i> , 2019 , 16, 838-845	1.7	1
7	Cushioned centrifugation during sperm selection increases the fertilization and cleavage rates of cattle embryos produced in vitro. <i>Animal Reproduction Science</i> , 2020 , 219, 106508	2.1	1
6	In Vitro Activation and Development of Goat Preantral Follicles Enclosed in Ovarian Tissue Co-cultured with Mesenchymal Stem Cells. <i>Reproductive Sciences</i> , 2021 , 28, 1709-1717	3	1
5	High concentrations of ̢-hydroxybutyrate alter the kinetics of bovine spermatozoa. <i>Andrologia</i> , 2021 , 53, e14148	2.4	1
4	Beneficial effects of <i>Lactococcus lactis</i> subsp. <i>cremoris</i> LL95 treatment in an LPS-induced depression-like model in mice.. <i>Behavioural Brain Research</i> , 2022 , 113847	3.4	1
3	Protective role of <i>Syzygium cumini</i> leaf extracts against paraquat-induced oxidative stress in superoxide-dismutase-deficient <i>Saccharomyces cerevisiae</i> strains. <i>Acta Scientiarum - Biological Sciences</i> , 2019 , 41, e47139	0.3	0
2	Early ovine preantral follicles have a potential to grow until antral stage in two-step culture system in the presence of aqueous extract of <i>Justicia insularis</i> . <i>Reproduction in Domestic Animals</i> , 2019 , 54, 1121-1130	1.6	1
1	Immunotoxic Assessment of Rosemary Extract. <i>Revista Brasileira De Farmacognosia</i> , 2021 , 31, 788	2	