

# Rubens Cecchini

## List of Publications by Citations

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132  
papers

3,091  
citations

32  
h-index

49  
g-index

138  
ext. papers

3,571  
ext. citations

3.8  
avg. IF

5.31  
L-index

#	Paper	IF	Citations
132	The antioxidant action of ergothioneine. <i>Archives of Biochemistry and Biophysics</i> , <b>1991</b> , 288, 10-6	4.1	176
131	SARS-CoV-2 infection pathogenesis is related to oxidative stress as a response to aggression. <i>Medical Hypotheses</i> , <b>2020</b> , 143, 110102	3.8	142
130	Decreased oxidative stress in patients with ulcerative colitis supplemented with fish oil omega-3 fatty acids. <i>Nutrition</i> , <b>2003</b> , 19, 837-42	4.8	141
129	Oxidative stress and hematological profiles of advanced breast cancer patients subjected to paclitaxel or doxorubicin chemotherapy. <i>Breast Cancer Research and Treatment</i> , <b>2012</b> , 133, 89-97	4.4	114
128	Free radical scavenging and inhibition of lipid peroxidation by beta-blockers and by agents that interfere with calcium metabolism. A physiologically-significant process?. <i>Biochemical Pharmacology</i> , <b>1991</b> , 42, 735-43	6	79
127	Differential oxidative status and immune characterization of the early and advanced stages of human breast cancer. <i>Breast Cancer Research and Treatment</i> , <b>2012</b> , 133, 881-8	4.4	78
126	Oxidative stress in multiple sclerosis patients in clinical remission: association with the expanded disability status scale. <i>Journal of the Neurological Sciences</i> , <b>2012</b> , 321, 49-53	3.2	71
125	Photoaging and chronological aging profile: Understanding oxidation of the skin. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2011</b> , 103, 93-7	6.7	69
124	Oxidative stress of liver in hamsters infected with <i>Leishmania (L.) chagasi</i> . <i>Journal of Parasitology</i> , <b>2000</b> , 86, 1067-72	0.9	68
123	Evaluation of the ability of the angiotensin-converting enzyme inhibitor captopril to scavenge reactive oxygen species. <i>Chemico-Biological Interactions</i> , <b>1991</b> , 77, 303-14	5	63
122	<i>Trypanosoma cruzi</i> : effect of the absence of 5-lipoxygenase (5-LO)-derived leukotrienes on levels of cytokines, nitric oxide and iNOS expression in cardiac tissue in the acute phase of infection in mice. <i>Experimental Parasitology</i> , <b>2011</b> , 127, 58-65	2.1	56
121	The effects of elastic tubing-based resistance training compared with conventional resistance training in patients with moderate chronic obstructive pulmonary disease: a randomized clinical trial. <i>Clinical Rehabilitation</i> , <b>2014</b> , 28, 1096-106	3.3	50
120	Ischaemia and reperfusion effects on skeletal muscle tissue: morphological and histochemical studies. <i>International Journal of Experimental Pathology</i> , <b>2007</b> , 88, 147-54	2.8	48
119	Decreased oxidant profile and increased antioxidant capacity in naturally postmenopausal women. <i>Age</i> , <b>2013</b> , 35, 1411-21		46
118	Time course of skeletal muscle loss and oxidative stress in rats with Walker 256 solid tumor. <i>Muscle and Nerve</i> , <b>2010</b> , 42, 950-8	3.4	46
117	Time-dependent reactive species formation and oxidative stress damage in the skin after UVB irradiation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2012</b> , 109, 34-41	6.7	45
116	Oxidative stress is associated with liver damage, inflammatory status, and corticosteroid therapy in patients with systemic lupus erythematosus. <i>Lupus</i> , <b>2011</b> , 20, 1250-9	2.6	45

115	Putative circulating markers of the early and advanced stages of breast cancer identified by high-resolution label-free proteomics. <i>Cancer Letters</i> , <b>2013</b> , 330, 57-66	9.9	43
114	Influence of uric acid and gamma-glutamyltransferase on total antioxidant capacity and oxidative stress in patients with metabolic syndrome. <i>Nutrition</i> , <b>2008</b> , 24, 675-81	4.8	43
113	Effects of cyclooxygenase inhibitors on parasite burden, anemia and oxidative stress in murine <i>Trypanosoma cruzi</i> infection. <i>FEMS Immunology and Medical Microbiology</i> , <b>2008</b> , 52, 47-58		43
112	Molecular subtype is determinant on inflammatory status and immunological profile from invasive breast cancer patients. <i>Cancer Immunology, Immunotherapy</i> , <b>2012</b> , 61, 2193-201	7.4	41
111	The action of hydrogen peroxide on the formation of thiobarbituric acid-reactive material from microsomes, liposomes or from DNA damaged by bleomycin or phenanthroline. Artefacts in the thiobarbituric acid test. <i>Free Radical Research Communications</i> , <b>1990</b> , 10, 245-58		41
110	Decreased endothelial nitric oxide, systemic oxidative stress, and increased sympathetic modulation contribute to hypertension in obese rats. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2014</b> , 306, H1472-80	5.2	40
109	Free radical-mediated pre-hemolytic injury in human red blood cells subjected to lead acetate as evaluated by chemiluminescence. <i>Food and Chemical Toxicology</i> , <b>2007</b> , 45, 945-52	4.7	40
108	Oxidative stress damage in the liver of fish and rats receiving an intraperitoneal injection of hexavalent chromium as evaluated by chemiluminescence. <i>Environmental Toxicology and Pharmacology</i> , <b>2004</b> , 17, 149-57	5.8	40
107	Systemic toxicity induced by paclitaxel in vivo is associated with the solvent cremophor EL through oxidative stress-driven mechanisms. <i>Food and Chemical Toxicology</i> , <b>2014</b> , 68, 78-86	4.7	39
106	Mutagenicity of sediment and biomarkers of oxidative stress in fish from aquatic environments under the influence of tanneries. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , <b>2004</b> , 561, 101-17	3	39
105	Metformin prevention of doxorubicin resistance in MCF-7 and MDA-MB-231 involves oxidative stress generation and modulation of cell adaptation genes. <i>Scientific Reports</i> , <b>2019</b> , 9, 5864	4.9	38
104	Riboflavin (vitamin B-2) reduces hepatocellular injury following liver ischaemia and reperfusion in mice. <i>Food and Chemical Toxicology</i> , <b>2014</b> , 67, 65-71	4.7	37
103	Cox-2 inhibition attenuates cardiovascular and inflammatory aspects in monosodium glutamate-induced obese rats. <i>Life Sciences</i> , <b>2010</b> , 87, 375-81	6.8	35
102	Involvement of nitric oxide (NO) and TNF-alpha in the oxidative stress associated with anemia in experimental <i>Trypanosoma cruzi</i> infection. <i>FEMS Immunology and Medical Microbiology</i> , <b>2004</b> , 41, 69-77		35
101	Mechanism of metformin action in MCF-7 and MDA-MB-231 human breast cancer cells involves oxidative stress generation, DNA damage, and transforming growth factor $\beta$ induction. <i>Tumor Biology</i> , <b>2016</b> , 37, 5337-46	2.9	32
100	Spermatic and testicular damages in rats exposed to ethanol: influence of lipid peroxidation but not testosterone. <i>Toxicology</i> , <b>2015</b> , 330, 1-8	4.4	32
99	Rosmarinic acid attenuates hepatic ischemia and reperfusion injury in rats. <i>Food and Chemical Toxicology</i> , <b>2014</b> , 74, 270-8	4.7	31
98	Association between soy and green tea ( <i>Camellia sinensis</i> ) diminishes hypercholesterolemia and increases total plasma antioxidant potential in dyslipidemic subjects. <i>Nutrition</i> , <b>2008</b> , 24, 562-8	4.8	31

97	Screening of circulating TGF- $\beta$ levels and its clinicopathological significance in human breast cancer. <i>Anticancer Research</i> , <b>2013</b> , 33, 737-42	2.3	31
96	Mapping oxidative changes in breast cancer: understanding the basic to reach the clinics. <i>Anticancer Research</i> , <b>2014</b> , 34, 1127-40	2.3	31
95	Genistein abrogates pre-hemolytic and oxidative stress damage induced by 2,2TAzobis (Amidinopropane). <i>Life Sciences</i> , <b>2006</b> , 78, 1202-10	6.8	30
94	Oxidative damage to lipids and alpha 1-antiproteinase by phenylbutazone in the presence of haem proteins: protection by ascorbic acid. <i>Biochemical Pharmacology</i> , <b>1992</b> , 44, 981-4	6	30
93	Nitric oxide and Brazilian propolis combined accelerates tissue repair by modulating cell migration, cytokine production and collagen deposition in experimental leishmaniasis. <i>PLoS ONE</i> , <b>2015</b> , 10, e0125107	3.7	29
92	Label-free MSE proteomic analysis of chronic myeloid leukemia bone marrow plasma: disclosing new insights from therapy resistance. <i>Proteomics</i> , <b>2012</b> , 12, 2618-31	4.8	28
91	Inflammatory biomarkers and oxidative stress measurements in patients with systemic lupus erythematosus with or without metabolic syndrome. <i>Lupus</i> , <b>2011</b> , 20, 1356-64	2.6	28
90	Resistance exercise attenuates skeletal muscle oxidative stress, systemic pro-inflammatory state, and cachexia in Walker-256 tumor-bearing rats. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2017</b> , 42, 916-923	3	28
89	Scavenging of hypochlorous acid and of myoglobin-derived oxidants by the cardioprotective agent mercaptopropionylglycine. <i>Free Radical Research Communications</i> , <b>1990</b> , 10, 371-81		27
88	Nitric oxide mediated oxidative stress injury in rat skeletal muscle subjected to ischemia/reperfusion as evaluated by chemiluminescence. <i>Nitric Oxide - Biology and Chemistry</i> , <b>2005</b> , 13, 196-203	5	26
87	Cytotoxicity of citral against melanoma cells: The involvement of oxidative stress generation and cell growth protein reduction. <i>Tumor Biology</i> , <b>2017</b> , 39, 1010428317695914	2.9	25
86	Immunological effects of taxol and adriamycin in breast cancer patients. <i>Cancer Immunology, Immunotherapy</i> , <b>2012</b> , 61, 481-8	7.4	24
85	Kaurenoic Acid Possesses Leishmanicidal Activity by Triggering a NLRP12/IL-1 $\beta$ /cNOS/NO Pathway. <i>Mediators of Inflammation</i> , <b>2015</b> , 2015, 392918	4.3	23
84	Overexpression of HER-2/neu protein attenuates the oxidative systemic profile in women diagnosed with breast cancer. <i>Tumor Biology</i> , <b>2014</b> , 35, 3025-34	2.9	22
83	Relationship between iron metabolism, oxidative stress, and insulin resistance in patients with systemic lupus erythematosus. <i>Scandinavian Journal of Rheumatology</i> , <b>2013</b> , 42, 303-10	1.9	22
82	Nitric oxide is responsible for oxidative skin injury and modulation of cell proliferation after 24 hours of UVB exposures. <i>Free Radical Research</i> , <b>2012</b> , 46, 872-82	4	22
81	Creatine supplementation prevents hyperhomocysteinemia, oxidative stress and cancer-induced cachexia progression in Walker-256 tumor-bearing rats. <i>Amino Acids</i> , <b>2016</b> , 48, 2015-24	3.5	21
80	Impact of tumor removal on the systemic oxidative profile of patients with breast cancer discloses lipid peroxidation at diagnosis as a putative marker of disease recurrence. <i>Clinical Breast Cancer</i> , <b>2014</b> , 14, 451-9	3	21

79	Genistein prevents ultraviolet B radiation-induced nitrosative skin injury and promotes cell proliferation. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2015</b> , 144, 20-7	6.7	21
78	Time-course effects of aerobic physical training in the prevention of cigarette smoke-induced COPD. <i>Journal of Applied Physiology</i> , <b>2017</b> , 123, 674-683	3.7	20
77	The Ehrlich tumor induces pain-like behavior in mice: a novel model of cancer pain for pathophysiological studies and pharmacological screening. <i>BioMed Research International</i> , <b>2013</b> , 2013, 624815	3	20
76	Systemic oxidative profile after tumor removal and the tumor microenvironment in melanoma patients. <i>Cancer Letters</i> , <b>2015</b> , 361, 226-32	9.9	19
75	Hypertension is associated with serologically active disease in patients with systemic lupus erythematosus: role of increased Th1/Th2 ratio and oxidative stress. <i>Scandinavian Journal of Rheumatology</i> , <b>2014</b> , 43, 59-62	1.9	19
74	Inhibition of cyclooxygenase-1 and cyclooxygenase-2 impairs <i>Trypanosoma cruzi</i> entry into cardiac cells and promotes differential modulation of the inflammatory response. <i>Antimicrobial Agents and Chemotherapy</i> , <b>2014</b> , 58, 6157-64	5.9	19
73	Fish oil N-3 fatty acids increase adiponectin and decrease leptin levels in patients with systemic lupus erythematosus. <i>Marine Drugs</i> , <b>2015</b> , 13, 1071-83	6	18
72	Citral prevents UVB-induced skin carcinogenesis in hairless mice. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2019</b> , 198, 111565	6.7	17
71	Nasal and systemic inflammatory profile after short term smoking cessation. <i>Respiratory Medicine</i> , <b>2014</b> , 108, 999-1006	4.6	17
70	An automated apparatus for interfacial tension measurements by the sessile drop technique. <i>Review of Scientific Instruments</i> , <b>1991</b> , 62, 1088-1092	1.7	17
69	Solid Ehrlich carcinoma reproduces functional and biological characteristics of cancer cachexia. <i>Life Sciences</i> , <b>2016</b> , 162, 47-53	6.8	16
68	Oxidative and proteolytic profiles of the right and left heart in a model of cancer-induced cardiac cachexia. <i>Pathophysiology</i> , <b>2014</b> , 21, 257-65	1.8	15
67	Creatine supplementation in Walker-256 tumor-bearing rats prevents skeletal muscle atrophy by attenuating systemic inflammation and protein degradation signaling. <i>European Journal of Nutrition</i> , <b>2020</b> , 59, 661-669	5.2	15
66	Role of metabolic syndrome and antiretroviral therapy in adiponectin levels and oxidative stress in HIV-1 infected patients. <i>Nutrition</i> , <b>2014</b> , 30, 1324-30	4.8	14
65	The positive is inside the negative: HER2-negative tumors can express the HER2 intracellular domain and present a HER2-positive phenotype. <i>Cancer Letters</i> , <b>2015</b> , 357, 186-195	9.9	14
64	Experimental chemotherapy in paracoccidioidomycosis using ruthenium NO donor. <i>Mycopathologia</i> , <b>2011</b> , 172, 95-107	2.9	14
63	5-Lipoxygenase plays a role in the control of parasite burden and contributes to oxidative damage of erythrocytes in murine Chagas disease. <i>Immunology Letters</i> , <b>2009</b> , 123, 38-45	4.1	14
62	Effect of Cold Water Immersion Performed on Successive Days on Physical Performance, Muscle Damage, and Inflammatory, Hormonal, and Oxidative Stress Markers in Volleyball Players. <i>Journal of Strength and Conditioning Research</i> , <b>2019</b> , 33, 502-513	3.2	14

61	Lung injury-dependent oxidative status and chymotrypsin-like activity of skeletal muscles in hamsters with experimental emphysema. <i>BMC Musculoskeletal Disorders</i> , <b>2013</b> , 14, 39	2.8	13
60	Short infusion of paclitaxel imbalances plasmatic lipid metabolism and correlates with cardiac markers of acute damage in patients with breast cancer. <i>Cancer Chemotherapy and Pharmacology</i> , <b>2017</b> , 80, 469-478	3.5	13
59	Trastuzumab-based chemotherapy modulates systemic redox homeostasis in women with HER2-positive breast cancer. <i>International Immunopharmacology</i> , <b>2015</b> , 27, 8-14	5.8	13
58	Label-Free Proteomics Revealed Oxidative Stress and Inflammation as Factors That Enhance Chemoresistance in Luminal Breast Cancer. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2019</b> , 2019, 5357649	6.7	12
57	Correlation of TGF- $\beta$ and oxidative stress in the blood of patients with melanoma: a clue to understanding melanoma progression?. <i>Tumor Biology</i> , <b>2016</b> , 37, 10753-61	2.9	12
56	iNOS inhibition improves autonomic dysfunction and oxidative status in hypertensive obese rats. <i>Clinical and Experimental Hypertension</i> , <b>2017</b> , 39, 50-57	2.2	11
55	Measurement of cytotoxic activity in experimental cancer. <i>Journal of Clinical Laboratory Analysis</i> , <b>2004</b> , 18, 27-30	3	10
54	Metformin: oxidative and proliferative parameters in-vitro and in-vivo models of murine melanoma. <i>Melanoma Research</i> , <b>2017</b> , 27, 536-544	3.3	9
53	Antileishmanial Activity and Inducible Nitric Oxide Synthase Activation by RuNO Complex. <i>Mediators of Inflammation</i> , <b>2016</b> , 2016, 2631625	4.3	9
52	Early downregulation of acute phase proteins after doxorubicin exposition in patients with breast cancer. <i>Tumor Biology</i> , <b>2016</b> , 37, 3775-83	2.9	8
51	Low doses of bisphenol A can impair postnatal testicular development directly, without affecting hormonal or oxidative stress levels. <i>Reproduction, Fertility and Development</i> , <b>2017</b> , 29, 2245-2254	1.8	8
50	Looking beyond the skin: Cutaneous and systemic oxidative stress in UVB-induced squamous cell carcinoma in hairless mice. <i>Journal of Photochemistry and Photobiology B: Biology</i> , <b>2019</b> , 195, 17-26	6.7	8
49	Corrosion and protection of NdFeB type magnets. <i>Journal of Magnetism and Magnetic Materials</i> , <b>1992</b> , 104-107, 1216-1218	2.8	8
48	Thiol Groups as a Biomarker for the Diagnosis and Prognosis of Prostate Cancer. <i>Scientific Reports</i> , <b>2020</b> , 10, 9093	4.9	7
47	Resistance exercise prevents impaired homocysteine metabolism and hepatic redox capacity in Walker-256 tumor-bearing male Wistar rats. <i>Nutrition</i> , <b>2016</b> , 32, 1153-8	4.8	7
46	Reactive oxygen species play a role in muscle wasting during thyrotoxicosis. <i>Cell and Tissue Research</i> , <b>2014</b> , 357, 803-14	4.2	7
45	Nitric oxide-releasing indomethacin enhances susceptibility to <i>Trypanosoma cruzi</i> infection acting in the cell invasion and oxidative stress associated with anemia. <i>Chemico-Biological Interactions</i> , <b>2015</b> , 227, 104-11	5	7
44	Clinical insights from adiponectin analysis in breast cancer patients reveal its anti-inflammatory properties in non-obese women. <i>Molecular and Cellular Endocrinology</i> , <b>2014</b> , 382, 190-196	4.4	7

43	NF-kappaB Regulates Redox Status in Breast Cancer Subtypes. <i>Genes</i> , <b>2018</b> , 9,	4.2	6
42	Effect of crotaopotin on the biological activity of Asp49 and Lys49 phospholipases A(2) from Bothrops snake venoms. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2004</b> , 138, 429-36	3.2	6
41	Surface tension measurements: toward higher accuracy. <i>Electrochimica Acta</i> , <b>1989</b> , 34, 1673-1676	6.7	6
40	Patterns of cell death induced by metformin in human MCF-7 breast cancer cells. <i>Pathology Research and Practice</i> , <b>2020</b> , 216, 153199	3.4	6
39	Can Breast Tumors Affect the Oxidative Status of the Surrounding Environment? A Comparative Analysis among Cancerous Breast, Mammary Adjacent Tissue, and Plasma. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2015</b> , 2015, 6429812	6.7	6
38	Isoflavin- $\gamma$ modifies muscle oxidative stress and prevents a thyrotoxicosis-induced loss of muscle mass in rats. <i>Muscle and Nerve</i> , <b>2017</b> , 56, 975-981	3.4	5
37	Sleep restriction in Wistar rats impairs epididymal postnatal development and sperm motility in association with oxidative stress. <i>Reproduction, Fertility and Development</i> , <b>2017</b> , 29, 1813-1820	1.8	5
36	Oxidative and proteolysis-related parameters of skeletal muscle from hamsters with experimental pulmonary emphysema: a comparison between papain and elastase induction. <i>International Journal of Experimental Pathology</i> , <b>2015</b> , 96, 140-50	2.8	5
35	Comparison of selective and non selective cyclo-oxygenase 2 inhibitors in experimental colitis exacerbation: role of leukotriene B4 and superoxide dismutase. <i>Arquivos De Gastroenterologia</i> , <b>2014</b> , 51, 226-34	1.3	5
34	Arbitrary-spin particles in an electromagnetic field <b>1978</b> , 47, 1-12		5
33	Oxidative Stress in Caffeine Action on the Proliferation and Death of Human Breast Cancer Cells MCF-7 and MDA-MB-231. <i>Nutrition and Cancer</i> , <b>2021</b> , 73, 1378-1388	2.8	5
32	Resistance Training $\bar{\text{E}}$ Ability to Prevent Cancer-induced Muscle Atrophy Extends Anabolic Stimulus. <i>Medicine and Science in Sports and Exercise</i> , <b>2021</b> , 53, 1572-1582	1.2	5
31	The Participation of Oxidative Stress in Breast Cancer Cells Progression and Treatment Resistance. <i>American Journal of Immunology</i> , <b>2014</b> , 10, 207-214	0.3	4
30	Anemia associated with extraerythrocytic oxidative stress damage mediated by neutrophil superoxide anion production in chronic renal failure patients undergoing hemodialysis. <i>Pathophysiology</i> , <b>2012</b> , 19, 261-8	1.8	4
29	Antioxidant activity of Spathodea campanulata (Bignoneaceae) extracts. <i>Revista Brasileira De Plantas Medicinai</i> s, <b>2012</b> , 14, 287-292		4
28	Decreased total antioxidant capacity in plasma, but not tissue, in experimental colitis. <i>Digestive Diseases and Sciences</i> , <b>2009</b> , 54, 751-7	4	4
27	Wave equations from space-time <b>1977</b> , 37, 266-278		4
26	Wave equations from space-time: Galileian limit <b>1978</b> , 43, 181-192		4

25	Creatine supplementation exacerbates ethanol-induced hepatic damage in mice. <i>Nutrition</i> , <b>2019</b> , 66, 122-130	4.8	3
24	Quercetin increases bioavailability of nitric oxide in the jejunum of euglycemic and diabetic rats and induces neuronal plasticity in the myenteric plexus. <i>Autonomic Neuroscience: Basic and Clinical</i> , <b>2020</b> , 227, 102675	2.4	3
23	Oxidative status and chymotrypsin-like activity in right and left ventricle hypertrophy in an experimental model of emphysema. <i>Pathophysiology</i> , <b>2013</b> , 20, 249-56	1.8	3
22	Increased nitric oxide levels in cerebellum of cachectic rats with Walker 256 solid tumor. <i>Folia Neuropathologica</i> , <b>2015</b> , 53, 139-46	2.6	3
21	Immunomodulatory and Antioxidant Properties of Kaurenoic Acid on Macrophages of BALB/c in Vitro. <i>American Journal of Immunology</i> , <b>2014</b> , 10, 183-188	0.3	3
20	Trypanosoma cruzi: in vivo evaluation of iron in skin employing X-ray fluorescence (XRF) in mouse strains that differ in their susceptibility to infection. <i>FEMS Immunology and Medical Microbiology</i> , <b>2012</b> , 64, 334-42		3
19	Oxidative stress and TGF- $\beta$ induction by metformin in MCF-7 and MDA-MB-231 human breast cancer cells are accompanied with the downregulation of genes related to cell proliferation, invasion and metastasis. <i>Pathology Research and Practice</i> , <b>2020</b> , 216, 153135	3.4	3
18	Antioxidant therapy reverses sympathetic dysfunction, oxidative stress, and hypertension in male hyperadipose rats.. <i>Life Sciences</i> , <b>2022</b> , 295, 120405	6.8	3
17	Exposure to low doses of malathion during juvenile and peripubertal periods impairs testicular and sperm parameters in rats: Role of oxidative stress and testosterone. <i>Reproductive Toxicology</i> , <b>2020</b> , 96, 17-26	3.4	2
16	Pulmonary Emphysema Impairs Male Reproductive Physiology Due To Testosterone and Oxidative Stress Imbalance in Mesocricetus auratus. <i>Reproductive Sciences</i> , <b>2020</b> , 27, 2052-2062	3	2
15	Sleep restriction during peripuberty unbalances sexual hormones and testicular cytokines in rats. <i>Biology of Reproduction</i> , <b>2019</b> , 100, 112-122	3.9	2
14	Evaluation of the effects of nicorandil and its molecular precursor (without radical NO) on proliferation and apoptosis of 786-cell. <i>Cytotechnology</i> , <b>2013</b> , 65, 839-50	2.2	2
13	Nitric Oxide Donors with Therapeutic Strategic in Experimental Schistosomiasis Mansoni. <i>American Journal of Immunology</i> , <b>2014</b> , 10, 225-239	0.3	2
12	Crosstalk between Oxidative Stress Signaling and HER2 Pathway in Breast Cancer. <i>American Journal of Immunology</i> , <b>2014</b> , 10, 176-182	0.3	2
11	Supplementation with l-glutathione improves oxidative status and reduces protein nitration in myenteric neurons in the jejunum in diabetic Rattus norvegicus. <i>Experimental and Molecular Pathology</i> , <b>2018</b> , 104, 227-234	4.4	2
10	Strength gain through eccentric isotonic training without changes in clinical signs or blood markers. <i>BMC Musculoskeletal Disorders</i> , <b>2013</b> , 14, 328	2.8	1
9	Atividade hepatoprotetora do extrato alcoólico da Camellia sinensis (L.) Kuntze (chá verde) em ratos Wistar tratados com dietilnitrosamina. <i>Revista Brasileira De Farmacognosia</i> , <b>2009</b> , 19, 702-709	2	1
8	Creatine supplementation does not promote tumor growth or enhance tumor aggressiveness in Walker-256 tumor-bearing rats. <i>Nutrition</i> , <b>2020</b> , 79-80, 110958	4.8	1



7	Aerobic exercise training attenuates detrimental effects of cigarette smoke exposure on peripheral muscle through stimulation of the Nrf2 pathway and cytokines: a time-course study in mice. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2020</b> , 45, 978-986	3	1
6	Differences in cNOS/iNOS Activity during Resistance to <i>Trypanosoma cruzi</i> Infection in 5-Lipoxygenase Knockout Mice. <i>Mediators of Inflammation</i> , <b>2019</b> , 2019, 5091630	4.3	1
5	Metformin inhibits the inflammatory and oxidative stress response induced by skin UVB-irradiation and provides 4-hydroxy-2-nonenal and nitrotyrosine formation and p53 protein activation. <i>Journal of Dermatological Science</i> , <b>2020</b> , 100, 152-155	4.3	
4	Biochemical and histological effects of different light doses on hyperthermic therapy with gold nanorods. <i>Laser Physics</i> , <b>2014</b> , 24, 085601	1.2	
3	A $\beta$ quimioprotetora do ch $\ddot{u}$ verde em ratos tratados com dietilnitrosamina. <i>Semina: Ci<math>\acute{e}</math>ncias Bi<math>\acute{o</math>gicas E Da Sa<math>\acute{u}</math>de</i> , <b>2011</b> , 32, 223-234	0	
2	Comportamento da produ $\tilde{c}$ o de esp $\acute{c}$ ies reativas de oxig $\acute{e}$ nio em mioc $\acute{a}$ rdio de ratos submetidos a treinamento de baixa intensidade em diferentes temperaturas. <i>Revista Brasileira De Medicina Do Esporte</i> , <b>2007</b> , 13, 411-415	0.5	
1	The progression of metastatic melanoma augments a pro-oxidative milieu locally but not systemically. <i>Pathology Research and Practice</i> , <b>2020</b> , 216, 153218	3.4	