

Jurandir F Comar

List of Publications by Year in descending order

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73
papers

1,236
citations

361296

20
h-index

434063

31
g-index

73
all docs

73
docs citations

73
times ranked

1800
citing authors

#	ARTICLE	IF	CITATIONS
1	Hepatic zonation of carbon and nitrogen fluxes derived from glutamine and ammonia transformations. <i>Journal of Biomedical Science</i> , 2010, 17, 1.	2.6	90
2	Oxidative state of the liver of rats with adjuvant-induced arthritis. <i>Free Radical Biology and Medicine</i> , 2013, 58, 144-153.	1.3	76
3	Î²-â€Caryophyllene, the major constituent of copaiba oil, reduces systemic inflammation and oxidative stress in arthritic rats. <i>Journal of Cellular Biochemistry</i> , 2018, 119, 10262-10277.	1.2	66
4	Actions of juglone on energy metabolism in the rat liver. <i>Toxicology and Applied Pharmacology</i> , 2011, 257, 319-327.	1.3	51
5	Inhibition of α -Amylases by Condensed and Hydrolysable Tannins: Focus on Kinetics and Hypoglycemic Actions. <i>Enzyme Research</i> , 2017, 2017, 1-12.	1.8	41
6	Harmful effects of usnic acid on hepatic metabolism. <i>Chemico-Biological Interactions</i> , 2013, 203, 502-511.	1.7	37
7	Metabolic Effects of Propofol in the Isolated Perfused Rat Liver. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2004, 95, 166-174.	0.0	36
8	Effects of Citrus aurantium (Bitter Orange) Fruit Extracts and p-Syneprine on Metabolic Fluxes in the Rat Liver. <i>Molecules</i> , 2012, 17, 5854-5869.	1.7	36
9	Anti-inflammatory and Antioxidant Actions of Copaiba Oil Are Related to Liver Cell Modifications in Arthritic Rats. <i>Journal of Cellular Biochemistry</i> , 2017, 118, 3409-3423.	1.2	31
10	The metabolic effects of diuron in the rat liver. <i>Environmental Toxicology and Pharmacology</i> , 2017, 54, 53-61.	2.0	31
11	Anti-inflammatory and Antioxidant Actions of Methyl Jasmonate Are Associated with Metabolic Modifications in the Liver of Arthritic Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-16.	1.9	31
12	Green tea extract improves the oxidative state of the liver and brain in rats with adjuvant-induced arthritis. <i>Food and Function</i> , 2015, 6, 2701-2711.	2.1	30
13	Metabolic effects of p-coumaric acid in the perfused rat liver. <i>Journal of Biochemical and Molecular Toxicology</i> , 2006, 20, 18-26.	1.4	28
14	Oxidative changes in the blood and serum albumin differentiate rats with monoarthritis and polyarthritis. <i>SpringerPlus</i> , 2016, 5, 36.	1.2	28
15	The Metabolic Responses to L-Glutamine of Livers from Rats with Diabetes Types 1 and 2. <i>PLoS ONE</i> , 2016, 11, e0160067.	1.1	28
16	Oxidative state and oxidative metabolism in the brain of rats with adjuvant-induced arthritis. <i>Experimental and Molecular Pathology</i> , 2015, 98, 549-557.	0.9	27
17	The Action of Quercetin on the Mitochondrial NADH to NAD ⁺ Ratio in the Isolated Perfused Rat Liver. <i>Planta Medica</i> , 2005, 71, 1118-1122.	0.7	25
18	Water soluble compounds of <i>Rosmarinus officinalis</i> L. improve the oxidative and inflammatory states of rats with adjuvant-induced arthritis. <i>Food and Function</i> , 2018, 9, 2328-2340.	2.1	24

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19	The food additive BHA modifies energy metabolism in the perfused rat liver. <i>Toxicology Letters</i> , 2018, 299, 191-200.	0.4	24
20	Kinetics of the metabolic effects, distribution spaces and lipid-bilayer affinities of the organo-chlorinated herbicides 2,4-D and picloram in the liver. <i>Toxicology Letters</i> , 2019, 313, 137-149.	0.4	23
21	Response of <i>Ganoderma lucidum</i> and <i>Trametes</i> sp. to the herbicide picloram: Tolerance, antioxidants and production of ligninolytic enzymes. <i>Pesticide Biochemistry and Physiology</i> , 2013, 105, 84-92.	1.6	20
22	Food restriction enhances oxidative status in aging rats with neuroprotective effects on myenteric neuron populations in the proximal colon. <i>Experimental Gerontology</i> , 2014, 51, 54-64.	1.2	20
23	Modulation of the Serotonergic Receptosome in the Treatment of Anxiety and Depression: A Narrative Review of the Experimental Evidence. <i>Pharmaceuticals</i> , 2021, 14, 148.	1.7	20
24	The action of p-syneprine on hepatic carbohydrate metabolism and respiration occurs via both Ca ²⁺ -mobilization and cAMP production. <i>Molecular and Cellular Biochemistry</i> , 2014, 388, 135-147.	1.4	19
25	Kinetics of the transformation of n-propyl gallate and structural analogs in the perfused rat liver. <i>Toxicology and Applied Pharmacology</i> , 2013, 273, 35-46.	1.3	18
26	Oxidative state and oxidative metabolism of the heart from rats with adjuvant-induced arthritis. <i>Experimental and Molecular Pathology</i> , 2016, 100, 393-401.	0.9	17
27	The Action of Oxybutynin on Haemodynamics and Metabolism in the Perfused Rat Liver. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2003, 93, 147-152.	0.0	16
28	Effects of an <i>Agaricus blazei</i> Aqueous Extract Pretreatment on Paracetamol-Induced Brain and Liver Injury in Rats. <i>BioMed Research International</i> , 2013, 2013, 1-12.	0.9	16
29	Tadalafil inhibits the cAMP stimulated glucose output in the rat liver. <i>Chemico-Biological Interactions</i> , 2014, 220, 1-11.	1.7	16
30	Actions of p-syneprine on hepatic enzyme activities linked to carbohydrate metabolism and ATP levels in vivo and in the perfused rat liver. <i>Cell Biochemistry and Function</i> , 2018, 36, 4-12.	1.4	16
31	Effects of Treating Old Rats with an <i>Agaricus blazei</i> Aqueous Extract on Oxidative and Functional Parameters of the Brain Tissue and Brain Mitochondria. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-13.	1.9	15
32	Hydroethanolic extract of <i>Smallanthus sonchifolius</i> leaves improves hyperglycemia of streptozotocin induced neonatal diabetic rats. <i>Asian Pacific Journal of Tropical Medicine</i> , 2016, 9, 432-436.	0.4	15
33	Resveratrol Reduces Morphologic Changes in the Myenteric Plexus and Oxidative Stress in the Ileum in Rats with Ischemia/Reperfusion Injury. <i>Digestive Diseases and Sciences</i> , 2015, 60, 3252-3263.	1.1	14
34	Fatty acids uptake and oxidation are increased in the liver of rats with adjuvant-induced arthritis. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2019, 1865, 696-707.	1.8	14
35	Long-term sucrose solution consumption causes metabolic alterations and affects hepatic oxidative stress in wistar rats. <i>Biology Open</i> , 2020, 9, .	0.6	14
36	Low dose of quercetin-loaded pectin/casein microparticles reduces the oxidative stress in arthritic rats. <i>Life Sciences</i> , 2021, 284, 119910.	2.0	12

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37	Dietary restriction interferes with oxidative status and intrinsic intestinal innervation in aging rats. <i>Nutrition</i> , 2013, 29, 673-680.	1.1	11
38	Adrenergic Metabolic and Hemodynamic Effects of Octopamine in the Liver. <i>International Journal of Molecular Sciences</i> , 2013, 14, 21858-21872.	1.8	11
39	Glycemic homeostasis and hepatic metabolism are modified in rats with global cerebral ischemia. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2020, 1866, 165934.	1.8	11
40	Effects of a <i>Myrciaria jaboticaba</i> peel extract on starch and triglyceride absorption and the role of cyanidin-3-O-glucoside. <i>Food and Function</i> , 2021, 12, 2644-2659.	2.1	11
41	Effects of the Continuous Administration of an <i>Agaricus blazei</i> Extract to Rats on Oxidative Parameters of the Brain and Liver during Aging. <i>Molecules</i> , 2014, 19, 18590-18603.	1.7	10
42	<i>n</i> -Octyl Gallate as Inhibitor of Pyruvate Carboxylation and Lactate Gluconeogenesis. <i>Journal of Biochemical and Molecular Toxicology</i> , 2015, 29, 157-164.	1.4	10
43	Methyl Jasmonate Reduces Inflammation and Oxidative Stress in the Brain of Arthritic Rats. <i>Antioxidants</i> , 2019, 8, 485.	2.2	10
44	Liver parenchyma heterogeneity in the response to extracellular NAD ⁺ . <i>Cell Biochemistry and Function</i> , 2006, 24, 313-325.	1.4	9
45	The New Coronavirus (SARS-CoV-2): A Comprehensive Review on Immunity and the Application of Bioinformatics and Molecular Modeling to the Discovery of Potential Anti-SARS-CoV-2 Agents. <i>Molecules</i> , 2020, 25, 4086.	1.7	9
46	Copaiba Oil Decreases Oxidative Stress and Inflammation But not Colon Damage in Rats with TNBS-Induced Colitis. <i>Endocrine, Metabolic and Immune Disorders - Drug Targets</i> , 2018, 18, 268-280.	0.6	9
47	Intestinal morphology adjustments caused by dietary restriction improves the nutritional status during the aging process of rats. <i>Experimental Gerontology</i> , 2015, 69, 85-93.	1.2	8
48	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.	2.0	8
49	The <i>in Vitro</i> Antioxidant Capacities of Hydroalcoholic Extracts from Roots and Leaves of <i>Smallanthus sonchifolius</i> (Yacon) Do Not Correlate with Their <i>in Vivo</i> Antioxidant Action in Diabetic Rats. <i>Journal of Biosciences and Medicines</i> , 2016, 04, 15-27.	0.1	8
50	Dietary supplementation with inosine-5 ^{â€²} -monophosphate improves the functional, energetic, and antioxidant status of liver and muscle growth in pigs. <i>Scientific Reports</i> , 2022, 12, 350.	1.6	8
51	Flexibility of the hepatic zonation of carbon and nitrogen fluxes linked to lactate and pyruvate transformations in the presence of ammonia. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 293, G838-G849.	1.6	7
52	A reappraisal of the proposed metabolic and antioxidant actions of butylated hydroxytoluene (BHT) in the liver. <i>Journal of Biochemical and Molecular Toxicology</i> , 2017, 31, e21924.	1.4	7
53	Treatment with <i>Trichilia catigua</i> ethyl-acetate fraction improves healing and reduces oxidative stress in TNBS-induced colitis in rats. <i>Biomedicine and Pharmacotherapy</i> , 2018, 107, 194-202.	2.5	7
54	Anti-inflammatory and Antioxidant Activity of Nanoencapsulated Curcuminoids Extracted from <i>Curcuma longa</i> L. in a Model of Cutaneous Inflammation. <i>Inflammation</i> , 2021, 44, 604-616.	1.7	7

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55	Food restriction promotes damage reduction in rat models of type 2 diabetes mellitus. <i>PLoS ONE</i> , 2018, 13, e0199479.	1.1	6
56	The rapid transformation of triclosan in the liver reduces its effectiveness as inhibitor of hepatic energy metabolism. <i>Toxicology and Applied Pharmacology</i> , 2022, 442, 115987.	1.3	6
57	Tibolone impairs glucose and fatty acid metabolism and induces oxidative stress in livers from female rats. <i>European Journal of Pharmacology</i> , 2011, 668, 248-256.	1.7	5
58	Lavender (<i>Lavandula officinalis</i>) essential oil prevents acetaminophen-induced hepatotoxicity by decreasing oxidative stress and inflammatory response. <i>Research, Society and Development</i> , 2021, 10, e43410313461.	0.0	5
59	Oxidative stress parameters as biomarkers of risk factor for diabetic foot among the patients with type 2 diabetes. <i>Brazilian Archives of Biology and Technology</i> , 2014, 57, 223-227.	0.5	4
60	Actions of multiple doses of resveratrol on oxidative and inflammatory markers in plasma and brain of healthy and arthritic rats. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2021, 128, 80-90.	1.2	4
61	Chlorophyll treatment combined with photostimulation increases glycolysis and decreases oxidative stress in the liver of type 1 diabetic rats. <i>Brazilian Journal of Medical and Biological Research</i> , 2020, 53, e8389.	0.7	4
62	Alpha-tocopherol-loaded polycaprolactone nanoparticles improve the inflammation and systemic oxidative stress of arthritic rats. <i>Journal of Traditional and Complementary Medicine</i> , 2022, 12, 414-425.	1.5	4
63	Fish oil as effective supplement preventing inflammatory and histopathological alterations in adjuvant-induced arthritis in rats. <i>Research, Society and Development</i> , 2021, 10, e22610414046.	0.0	2
64	Glutamine dipeptide supplementation improves clinical responses in patients with diabetic foot syndrome. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2016, 52, 567-574.	1.2	2
65	Responses of the perfused liver of neonatal type 2 diabetic rats to gluconeogenic and ammoniogenic substrates. <i>Health</i> , 2010, 02, 477-483.	0.1	2
66	Insulin degludec and glutamine dipeptide modify glucose homeostasis and liver metabolism in diabetic mice undergoing insulin-induced hypoglycemia. <i>Journal of Applied Biomedicine</i> , 2021, 19, 210-219.	0.6	2
67	Strenuous swimming raises blood non-enzymatic antioxidant capacity in rats. <i>Brazilian Journal of Medical and Biological Research</i> , 2022, 55, e11891.	0.7	2
68	Protein Restriction in the Peri-Pubertal Period Induces Autonomic Dysfunction and Cardiac and Vascular Structural Changes in Adult Rats. <i>Frontiers in Physiology</i> , 2022, 13, 840179.	1.3	2
69	PSXI-14 Supplementation with a blend containing <i>Baccharis dracunculifolia</i> and <i>Tamarindus indica</i> improve the oxidative state of steers in finishing phase. <i>Journal of Animal Science</i> , 2019, 97, 400-401.	0.2	0
70	AÃo do Extrato de ChÃ Verde sobre a GeraÃo de EspÃcies Reativas de OxigÃnio (ROS) em MitocÃndrias Isoladas de FÃgado de Ratos com Artrite Induzida por Adjuvante. , 0, , .		0
71	CombinaÃo de monensina, virginiamicina, micros minerais e leveduras sobre o perfil bioquÃmico no sangue e stress oxidativo no plasma, fÃgado e mÃsculo de bovinos alimentados com dieta de alto grÃo. <i>Research, Society and Development</i> , 2020, 9, e5479119918.	0.0	0
72	Perfusion pressure in kidneys of arthritic rats and the influence of L-NAME. <i>Research Communications in Molecular Pathology and Pharmacology</i> , 2003, 113-114, 207-12.	0.2	0

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73	Mix of natural extracts to improve the oxidative state and liver activity in bulls finished feedlot. Livestock Science, 2022, 259, 104895.	0.6	0