

Jurandir F Comar

List of Publications by Year in Descending Order

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Version: 2024-04-27

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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.

68

papers

896

citations

16

h-index

26

g-index

73

ext. papers

1,130

ext. citations

4.3

avg, IF

4.03

L-index

#	Paper	IF	Citations
68	Dietary supplementation with inosine-5Rmonophosphate improves the functional, energetic, and antioxidant status of liver and muscle growth in pigs.. <i>Scientific Reports</i> , 2022 , 12, 350	4.9	2
67	Strenuous swimming raises blood non-enzymatic antioxidant capacity in rats.. <i>Brazilian Journal of Medical and Biological Research</i> , 2022 , 55, e11891	2.8	0
66	Mix of natural extracts to improve the oxidative state and liver activity in bulls finished feedlot. <i>Livestock Science</i> , 2022 , 259, 104895	1.7	
65	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	4.6	2
64	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	4.6	0
63	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	0
62	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	5.1	3
61	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	3.1	2
60	Effects of a <i>Myrciaria jaborcaba</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	6.1	2
59	Modulation of the Serotonergic Receptosome in the Treatment of Anxiety and Depression: A Narrative Review of the Experimental Evidence. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	7
58	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	6.8	1
57	Low dose of quercetin-loaded pectin/casein microparticles reduces the oxidative stress in arthritic rats. <i>Life Sciences</i> , 2021 , 284, 119910	6.8	1
56	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	2.8	3
55	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	6.9	4
54	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,	4.8	4
53	Long-term sucrose solution consumption causes metabolic alterations and affects hepatic oxidative stress in Wistar rats. <i>Biology Open</i> , 2020 , 9,	2.2	7
52	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	4.4	11

51	Methyl Jasmonate Reduces Inflammation and Oxidative Stress in the Brain of Arthritic Rats. <i>Antioxidants</i> , 2019 , 8,	7.1	5
50	PSXI-14 Supplementation with a blend containing Baccharis dracunculifolia and Tamarindus indica improve the oxidative state of steers in finishing phase. <i>Journal of Animal Science</i> , 2019 , 97, 400-401	0.7	78
49	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	6.9	6
48	Water soluble compounds of Rosmarinus officinalis L. improve the oxidative and inflammatory states of rats with adjuvant-induced arthritis. <i>Food and Function</i> , 2018 , 9, 2328-2340	6.1	13
47	Actions of p-synephrine 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	4.2	8
46	ECaryophyllene, 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	4.7	38
45	Treatment with Trichilia catigua ethyl-acetate fraction improves healing and reduces oxidative stress in TNBS-induced colitis in rats. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 107, 194-202	7.5	3
44	Food restriction promotes damage reduction in rat models of type 2 diabetes mellitus. <i>PLoS ONE</i> , 2018 , 13, e0199479	3.7	5
43	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	2.2	4
42	The food additive BHA modifies energy metabolism in the perfused rat liver. <i>Toxicology Letters</i> , 2018 , 299, 191-200	4.4	12
41	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, 2056250	6.7	14
40	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	3.4	3
39	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	4.7	21
38	Inhibition of -Amylases by Condensed and Hydrolysable Tannins: Focus on Kinetics and Hypoglycemic Actions. <i>Enzyme Research</i> , 2017 , 2017, 5724902	2.4	27
37	The metabolic effects of diuron in the rat liver. <i>Environmental Toxicology and Pharmacology</i> , 2017 , 54, 53-61	5.8	21
36	Oxidative changes in the blood and serum albumin differentiate rats with monoarthritis and polyarthritis. <i>SpringerPlus</i> , 2016 , 5, 36		24
35	The Metabolic Responses to L-Glutamine of Livers from Rats with Diabetes Types 1 and 2. <i>PLoS ONE</i> , 2016 , 11, e0160067	3.7	13
34	Glutamine dipeptide supplementation improves clinical responses in patients with diabetic foot syndrome. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2016 , 52, 567-574	1.8	2

33	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	0.2	5
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, 432-6	2.1	11
31	Oxidative state and oxidative metabolism of the heart from rats with adjuvant-induced arthritis. <i>Experimental and Molecular Pathology</i> , 2016 , 100, 393-401	4.4	11
30	n-Octyl gallate as inhibitor of pyruvate carboxylation and lactate gluconeogenesis. <i>Journal of Biochemical and Molecular Toxicology</i> , 2015 , 29, 157-64	3.4	7
29	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, 2701-11	6.1	24
28	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	4.5	7
27	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, 3252-63	4	10
26	Oxidative state and oxidative metabolism in the brain of rats with adjuvant-induced arthritis. <i>Experimental and Molecular Pathology</i> , 2015 , 98, 549-57	4.4	24
25	The action of p-synephrine on hepatic carbohydrate metabolism and respiration occurs via both Ca(2+)-mobilization and cAMP production. <i>Molecular and Cellular Biochemistry</i> , 2014 , 388, 135-47	4.2	16
24	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	4.5	13
23	Tadalafil inhibits the cAMP stimulated glucose output in the rat liver. <i>Chemico-Biological Interactions</i> , 2014 , 220, 1-11	5	12
22	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, 18590-603	4.8	9
21	Effects of treating old rats with an aqueous <i>Agaricus blazei</i> extract on oxidative and functional parameters of the brain tissue and brain mitochondria. <i>Oxidative Medicine and Cellular Longevity</i> , 2014 , 2014, 563179	6.7	13
20	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	1.8	3
19	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	4.6	15
18	Oxidative state of the liver of rats with adjuvant-induced arthritis. <i>Free Radical Biology and Medicine</i> , 2013 , 58, 144-53	7.8	61
17	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	4.9	15
16	Dietary restriction interferes with oxidative status and intrinsic intestinal innervation in aging rats. <i>Nutrition</i> , 2013 , 29, 673-80	4.8	11

15	Harmful effects of usnic acid on hepatic metabolism. <i>Chemico-Biological Interactions</i> , 2013 , 203, 502-11	5	31
14	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, 469180	3	13
13	Adrenergic metabolic and hemodynamic effects of octopamine in the liver. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 21858-72	6.3	9
12	Effects of <i>Citrus aurantium</i> (bitter orange) fruit extracts and p-synephrine on metabolic fluxes in the rat liver. <i>Molecules</i> , 2012 , 17, 5854-69	4.8	31
11	Actions of juglone on energy metabolism in the rat liver. <i>Toxicology and Applied Pharmacology</i> , 2011 , 257, 319-27	4.6	42
10	Tibolone impairs glucose and fatty acid metabolism and induces oxidative stress in livers from female rats. <i>European Journal of Pharmacology</i> , 2011 , 668, 248-56	5.3	5
9	Hepatic zonation of carbon and nitrogen fluxes derived from glutamine and ammonia transformations. <i>Journal of Biomedical Science</i> , 2010 , 17, 1	13.3	54
8	Responses of the perfused liver of neonatal type 2 diabetic rats to gluconeogenic and ammoniogenic substrates. <i>Health</i> , 2010 , 02, 477-483	0.4	2
7	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, G838-49	5.1	4
6	Liver parenchyma heterogeneity in the response to extracellular NAD ⁺ . <i>Cell Biochemistry and Function</i> , 2006 , 24, 313-25	4.2	9
5	Metabolic effects of p-coumaric acid in the perfused rat liver. <i>Journal of Biochemical and Molecular Toxicology</i> , 2006 , 20, 18-26	3.4	22
4	The action of quercetin on the mitochondrial NADH to NAD(+) ratio in the isolated perfused rat liver. <i>Planta Medica</i> , 2005 , 71, 1118-22	3.1	20
3	Metabolic effects of propofol in the isolated perfused rat liver. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2004 , 95, 166-74		28
2	The action of oxybutynin on haemodynamics and metabolism in the perfused rat liver. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2003 , 93, 147-52		13
1	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		