

Jurandir F Comar

List of Publications by Citations

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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 | 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 | 0.7 | 78 |
| 67 | 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 |
| 66 | 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 |
| 65 | Actions of juglone on energy metabolism in the rat liver. <i>Toxicology and Applied Pharmacology</i> , 2011 , 257, 319-27 | 4.6 | 42 |
| 64 | 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 |
| 63 | Harmful effects of usnic acid on hepatic metabolism. <i>Chemico-Biological Interactions</i> , 2013 , 203, 502-11 | 5 | 31 |
| 62 | Effects of <i>Citrus aurantium</i> (bitter orange) fruit extracts and p-syneprine on metabolic fluxes in the rat liver. <i>Molecules</i> , 2012 , 17, 5854-69 | 4.8 | 31 |
| 61 | Metabolic effects of propofol in the isolated perfused rat liver. <i>Basic and Clinical Pharmacology and Toxicology</i> , 2004 , 95, 166-74 | | 28 |
| 60 | Inhibition of α -Amylases by Condensed and Hydrolysable Tannins: Focus on Kinetics and Hypoglycemic Actions. <i>Enzyme Research</i> , 2017 , 2017, 5724902 | 2.4 | 27 |
| 59 | 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 |
| 58 | 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 |
| 57 | Oxidative changes in the blood and serum albumin differentiate rats with monoarthritis and polyarthritis. <i>SpringerPlus</i> , 2016 , 5, 36 | | 24 |
| 56 | 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 |
| 55 | 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 |
| 54 | The metabolic effects of diuron in the rat liver. <i>Environmental Toxicology and Pharmacology</i> , 2017 , 54, 53-61 | 5.8 | 21 |
| 53 | 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 |
| 52 | 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, 135-47 | 4.2 | 16 |

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|----|--|-----|----|
| 51 | 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 |
| 50 | 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 |
| 49 | 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 |
| 48 | 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 | 6.1 | 13 |
| 47 | 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 |
| 46 | 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 |
| 45 | 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 |
| 44 | 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 |
| 43 | 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 |
| 42 | Tadalafil inhibits the cAMP stimulated glucose output in the rat liver. <i>Chemico-Biological Interactions</i> , 2014 , 220, 1-11 | 5 | 12 |
| 41 | The food additive BHA modifies energy metabolism in the perfused rat liver. <i>Toxicology Letters</i> , 2018 , 299, 191-200 | 4.4 | 12 |
| 40 | 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 |
| 39 | Dietary restriction interferes with oxidative status and intrinsic intestinal innervation in aging rats. <i>Nutrition</i> , 2013 , 29, 673-80 | 4.8 | 11 |
| 38 | 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 |
| 37 | 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 |
| 36 | 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 |
| 35 | 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 |
| 34 | Adrenergic metabolic and hemodynamic effects of octopamine in the liver. <i>International Journal of Molecular Sciences</i> , 2013 , 14, 21858-72 | 6.3 | 9 |

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| 33 | Liver parenchyma heterogeneity in the response to extracellular NAD ⁺ . <i>Cell Biochemistry and Function</i> , 2006 , 24, 313-25 | 4.2 | 9 |
| 32 | 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 | 4.2 | 8 |
| 31 | 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 |
| 30 | 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 |
| 29 | 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 |
| 28 | 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 |
| 27 | 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 |
| 26 | Methyl Jasmonate Reduces Inflammation and Oxidative Stress in the Brain of Arthritic Rats. <i>Antioxidants</i> , 2019 , 8, | 7.1 | 5 |
| 25 | 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 |
| 24 | Food restriction promotes damage reduction in rat models of type 2 diabetes mellitus. <i>PLoS ONE</i> , 2018 , 13, e0199479 | 3.7 | 5 |
| 23 | 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 |
| 22 | 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 |
| 21 | 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 |
| 20 | 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 |
| 19 | 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 |
| 18 | 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 |
| 17 | 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 | 7.5 | 3 |
| 16 | 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 |

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| 15 | 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 |
| 14 | 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 |
| 13 | 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 |
| 12 | 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 |
| 11 | 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 |
| 10 | 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 |
| 9 | 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 |
| 8 | 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 |
| 7 | 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 |
| 6 | 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 |
| 5 | 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 |
| 4 | 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 |
| 3 | 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 |
| 2 | 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 | | |
| 1 | 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 | |