# Rafael Calixto Bortolin

List of Publications by Year
in descending order



| 32 | 806 | 516215 16 | 525886 27 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 32 | 32 | 32 | 1554 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | High fat diet-induced obesity causes a reduction in brain tyrosine hydroxylase levels and non-motor features in rats through metabolic dysfunction, neuroinflammation and oxidative stress. Nutritional Neuroscience, 2022, 25, 1026-1040. | 1.5 | 21 |
| 2 | Systemic Inflammation Changes the Site of RAGE Expression from Endothelial Cells to Neurons in Different Brain Areas. Molecular Neurobiology, 2019, 56, 3079-3089. | 1.9 | 21 |
| 3 | Oral administration of carvacrol/Î²-cyclodextrin complex protects against 6-hydroxydopamine-induced dopaminergic denervation. Neurochemistry International, 2019, 126, 27-35. | 1.9 | 13 |
| 4 | Guarana supplementation attenuated obesity, insulin resistance, and adipokines dysregulation induced by a standardized human Western diet via brown adipose tissue activation. Phytotherapy Research, 2019, 33, 1394-1403. | 2.8 | 13 |
| 5 | The effects of retinol oral supplementation in 6-hydroxydopamine dopaminergic denervation model in Wistar rats. Neurochemistry International, 2019, 125, 25-34. | 1.9 | 11 |
| 6 | A new animal diet based on human Western diet is a robust diet-induced obesity model: comparison to high-fat and cafeteria diets in term of metabolic and gut microbiota disruption. International Journal of Obesity, 2018, 42, 525-534. | 1.6 | 148 |
| 7 | TRF1 as a major contributor for telomeres' shortening in the context of obesity. Free Radical Biology and Medicine, 2018, 129, 286-295. | 1.3 | 15 |
| 8 | Obese rats are more vulnerable to inflammation, genotoxicity and oxidative stress induced by coal dust inhalation than non-obese rats. Ecotoxicology and Environmental Safety, 2018, 165, 44-51. | 2.9 | 65 |
| 9 | Effects of the consumption of polyunsaturated fatty acids on the oxidative status of adult dogs. Journal of Animal Science, 2018, 96, 4590-4598. | 0.2 | 7 |
| 10 | Anti-RAGE antibody selectively blocks acute systemic inflammatory responses to LPS in serum, liver, CSF and striatum. Brain, Behavior, and Immunity, 2017, 62, 124-136. | 2.0 | 34 |
| 11 | Sperm quality and oxidative status as affected by homogenization of liquid-stored boar semen diluted in short- and long-term extenders. Animal Reproduction Science, 2017, 179, 67-79. | 0.5 | 29 |
| 12 | Role of vitamin A oral supplementation on oxidative stress and inflammatory response in the liver of trained rats. Applied Physiology, Nutrition and Metabolism, 2017, 42, 1192-1200. | 0.9 | 10 |
| 13 | Changes in Cell Cycle and Up-Regulation of Neuronal Markers During SH-SY5Y Neurodifferentiation by Retinoic Acid are Mediated by Reactive Species Production and Oxidative Stress. Molecular Neurobiology, 2017, 54, 6903-6916. | 1.9 | 26 |
| 14 | Effects of Freeze-Thaw and Storage on Enzymatic Activities, Protein Oxidative Damage, and Immunocontent of the Blood, Liver, and Brain of Rats. Biopreservation and Biobanking, 2017, 15, 182-190. | 0.5 | 15 |
| 15 | Vitamin A Oral Supplementation Induces Oxidative Stress and Suppresses IL-10 and HSP70 in Skeletal Muscle of Trained Rats. Nutrients, 2017, 9, 353. | 1.7 | 29 |
| 16 | Supplementation with Achyrocline satureioides Inflorescence Extracts to Pregnant and Breastfeeding Rats Induces Tissue-Specific Changes in Enzymatic Activity and Lower Neonatal Survival. Biomedicines, 2017, 5, 53. | 1.4 | 10 |
| 17 | Targeted inhibition of RAGE in substantia nigra of rats blocks 6-OHDAâ€“induced dopaminergic denervation. Scientific Reports, 2017, 7, 8795. | 1.6 | 40 |
| 18 | N-acetyl-cysteine inhibits liver oxidative stress markers in BALB/c mice infected with Leishmania amazonensis. Memorias Do Instituto Oswaldo Cruz, 2017, 112, 146-154. | 0.8 | 9 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Curcumin Supplementation Decreases Intestinal Adiposity Accumulation, Serum Cholesterol Alterations, and Oxidative Stress in Ovariectomized Rats. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-12. | 1.9 | 12 |
| 20 | Oral administration of curcumin relieves behavioral alterations and oxidative stress in the frontal cortex, hippocampus, and striatum of ovariectomized Wistar rats. Journal of Nutritional Biochemistry, 2016, 32, 181-188. | 1.9 | 29 |
| 21 | Chronic ozone exposure alters the secondary metabolite profile, antioxidant potential, anti-inflammatory property, and quality of red pepper fruit from Capsicum baccatum. Ecotoxicology and Environmental Safety, 2016, 129, 16-24. | 2.9 | 39 |
| 22 | Bioactive Compounds and Stability of Organic and Conventional Vitislabrusca Grape Seed Oils. JAOCS, Journal of the American Oil Chemists' Society, 2016, 93, 115-124. | 0.8 | 21 |
| 23 | Redox-Active Profile Characterization of Remirea maritima Extracts and Its Cytotoxic Effect in Mouse Fibroblasts (L929) and Melanoma (B16F10) Cells. Molecules, 2015, 20, 11699-11718. | 1.7 | 8 |
| 24 | Supplementation with vitamin A enhances oxidative stress in the lungs of rats submitted to aerobic exercise. Applied Physiology, Nutrition and Metabolism, 2015, 40, 1253-1261. | 0.9 | 13 |
| 25 | Increased tau phosphorylation and receptor for advanced glycation endproducts (RAGE) in the brain of mice infected with Leishmania amazonensis. Brain, Behavior, and Immunity, 2015, 43, 37-45. | 2.0 | 14 |
| 26 | Effects of different products of peach (Prunus persica L. Batsch) from a variety developed in southern Brazil on oxidative stress and inflammatory parameters in vitro and ex vivo. Journal of Clinical Biochemistry and Nutrition, 2014, 55, 110-119. | 0.6 | 14 |
| 27 | Preventive supplementation with fresh and preserved peach attenuates CCl4-induced oxidative stress, inflammation and tissue damage. Journal of Nutritional Biochemistry, 2014, 25, 1282-1295. | 1.9 | 17 |
| 28 | Effects of chronic elevated ozone concentration on the redox state and fruit yield of red pepper plant Capsicum baccatum. Ecotoxicology and Environmental Safety, 2014, 100, 114-121. | 2.9 | 27 |
| 29 | Exposure to elevated ozone levels differentially affects the antioxidant capacity and the redox homeostasis of two subtropical Phaseolus vulgaris L. varieties. Chemosphere, 2013, 93, 320-330. | 4.2 | 46 |
| 30 | Oxidative Damage in the Liver of Rats Treated With Glycolaldehyde. International Journal of Toxicology, 2011, 30, 253-258. | 0.6 | 9 |
| 31 | Glycolaldehyde Induces Oxidative Stress in the Heart: A Clue to Diabetic Cardiomyopathy?. Cardiovascular Toxicology, 2010, 10, 244-249. | 1.1 | 17 |
| 32 | Circulating glycolaldehyde induces oxidative damage in the kidney of rats. Diabetes Research and Clinical Practice, 2010, 89, 262-267. | 1.1 | 24 |