

Frank Silva Bezerra

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

1,168
citations

361045

20
h-index

433756

31
g-index

67
all docs

67
docs citations

67
times ranked

1545
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Mate tea reduced acute lung inflammation in mice exposed to cigarette smoke. <i>Nutrition</i> , 2008, 24, 375-381. | 1.1 | 77 |
| 2 | Oxidative stress in mouse plasma and lungs induced by cigarette smoke and lipopolysaccharide. <i>Environmental Research</i> , 2008, 108, 199-204. | 3.7 | 75 |
| 3 | Time course of inflammation, oxidative stress and tissue damage induced by hyperoxia in mouse lungs. <i>International Journal of Experimental Pathology</i> , 2012, 93, 269-278. | 0.6 | 72 |
| 4 | The antioxidant and anti-inflammatory properties of lycopene in mice lungs exposed to cigarette smoke. <i>Journal of Nutritional Biochemistry</i> , 2017, 48, 9-20. | 1.9 | 57 |
| 5 | Anti-Inflammatory and Antioxidant Properties of Black Mulberry (<i>Morus nigra</i> L.) in a Model of LPS-Induced Sepsis. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-13. | 1.9 | 56 |
| 6 | Î±-Tocopherol and ascorbic acid supplementation reduced acute lung inflammatory response by cigarette smoke in mouse. <i>Nutrition</i> , 2006, 22, 1192-1201. | 1.1 | 55 |
| 7 | Long-term exposure to cigarette smoke impairs lung function and increases HMGB-1 expression in mice. <i>Respiratory Physiology and Neurobiology</i> , 2011, 177, 120-126. | 0.7 | 47 |
| 8 | Oxidative effects on lung inflammatory response in rats exposed to different concentrations of formaldehyde. <i>Environmental Pollution</i> , 2016, 211, 206-213. | 3.7 | 41 |
| 9 | Lycopene mitigates pulmonary emphysema induced by cigarette smoke in a murine model. <i>Journal of Nutritional Biochemistry</i> , 2019, 65, 93-100. | 1.9 | 39 |
| 10 | HYPEROXIA-INDUCED LUNG INJURY IS DOSE DEPENDENT IN WISTAR RATS. <i>Experimental Lung Research</i> , 2009, 35, 713-728. | 0.5 | 34 |
| 11 | Quercetin Attenuates Acute Lung Injury Caused by Cigarette Smoke Both In Vitro and In Vivo. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2020, 17, 205-214. | 0.7 | 29 |
| 12 | Organ-related cigarette smoke-induced oxidative stress is strain-dependent. <i>Medical Science Monitor</i> , 2010, 16, BR218-26. | 0.5 | 29 |
| 13 | Short-term exposure to formaldehyde promotes oxidative damage and inflammation in the trachea and diaphragm muscle of adult rats. <i>Annals of Anatomy</i> , 2015, 202, 45-51. | 1.0 | 28 |
| 14 | Supplementation with vitamins C and E improves mouse lung repair. <i>Journal of Nutritional Biochemistry</i> , 2008, 19, 604-611. | 1.9 | 27 |
| 15 | Lycopene pretreatment improves hepatotoxicity induced by acetaminophen in C57BL/6 mice. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 1057-1065. | 1.4 | 27 |
| 16 | Taurine treatment decreases inflammation and oxidative stress in lungs of adult mice exposed to cigarette smoke. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 98, 50-57. | 1.3 | 25 |
| 17 | Exercise training restores oxidative stress and nitric oxide synthases in the rostral ventrolateral medulla of renovascular hypertensive rats. <i>Free Radical Research</i> , 2015, 49, 1335-1343. | 1.5 | 23 |
| 18 | Exogenous surfactant prevents hyperoxia-induced lung injury in adult mice. <i>Intensive Care Medicine Experimental</i> , 2019, 7, 19. | 0.9 | 22 |

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|----|---|-----|-----------|
| 19 | Temporal analysis of oxidative effects on the pulmonary inflammatory response in mice exposed to cigarette smoke. <i>Cellular Immunology</i> , 2013, 284, 29-36. | 1.4 | 21 |
| 20 | Lycopene inhibits reactive oxygen species production in SK-Hep-1 cells and attenuates acetaminophen-induced liver injury in C57BL/6 mice. <i>Chemico-Biological Interactions</i> , 2017, 263, 7-17. | 1.7 | 21 |
| 21 | High-Fat Diet Increases HMGB1 Expression and Promotes Lung Inflammation in Mice Subjected to Mechanical Ventilation. <i>Oxidative Medicine and Cellular Longevity</i> , 2018, 2018, 1-10. | 1.9 | 20 |
| 22 | Hyperoxia promotes polarization of the immune response in ovalbumin-induced airway inflammation, leading to a TH ₁₇ cell phenotype. <i>Immunity, Inflammation and Disease</i> , 2015, 3, 321-337. | 1.3 | 19 |
| 23 | Oral formulation angiotensin-(1-7) therapy attenuates pulmonary and systemic damage in mice with emphysema induced by elastase. <i>Immunobiology</i> , 2020, 225, 151893. | 0.8 | 18 |
| 24 | The administration of a high refined carbohydrate diet promoted an increase in pulmonary inflammation and oxidative stress in mice exposed to cigarette smoke. <i>International Journal of COPD</i> , 2016, Volume 11, 3207-3217. | 0.9 | 15 |
| 25 | Aluminum hydroxide nebulization-induced redox imbalance and acute lung inflammation in mice. <i>Experimental Lung Research</i> , 2020, 46, 64-74. | 0.5 | 14 |
| 26 | Effects in vitro and in vivo of hesperidin administration in an experimental model of acute lung inflammation. <i>Free Radical Biology and Medicine</i> , 2022, 180, 253-262. | 1.3 | 14 |
| 27 | Exposure to cigarette smoke during pregnancy causes redox imbalance and histological damage in lung tissue of neonatal mice. <i>Experimental Lung Research</i> , 2014, 40, 164-171. | 0.5 | 13 |
| 28 | The exposure to formaldehyde causes renal dysfunction, inflammation and redox imbalance in rats. <i>Experimental and Toxicologic Pathology</i> , 2017, 69, 367-372. | 2.1 | 13 |
| 29 | Sigh maneuver protects healthy lungs during mechanical ventilation in adult Wistar rats. <i>Experimental Biology and Medicine</i> , 2020, 245, 1404-1413. | 1.1 | 13 |
| 30 | Swimming training induces liver adaptations to oxidative stress and insulin sensitivity in rats submitted to high-fat diet. <i>Redox Report</i> , 2017, 22, 515-523. | 1.4 | 12 |
| 31 | Applying Positive End-Expiratory Pressure During Mechanical Ventilation Causes Pulmonary Redox Imbalance and Inflammation in Rats. <i>Shock</i> , 2018, 50, 572-578. | 1.0 | 12 |
| 32 | Antioxidant Effects of Oral Ang-(1-7) Restore Insulin Pathway and RAS Components Ameliorating Cardiometabolic Disturbances in Rats. <i>Oxidative Medicine and Cellular Longevity</i> , 2019, 2019, 1-10. | 1.9 | 12 |
| 33 | Inflammatory and oxidative stress biomarkers induced by silica exposure in crystal craftsmen. <i>American Journal of Industrial Medicine</i> , 2020, 63, 337-347. | 1.0 | 12 |
| 34 | The Oxidative Response of Mouse Hearts is Modulated by Genetic Background. <i>Arquivos Brasileiros De Cardiologia</i> , 2013, 100, 157-163. | 0.3 | 12 |
| 35 | Quercetin Improves Pulmonary Function and Prevents Emphysema Caused by Exposure to Cigarette Smoke in Male Mice. <i>Antioxidants</i> , 2022, 11, 181. | 2.2 | 12 |
| 36 | N-(2-mercaptopropionyl)-glycine but not Allopurinol prevented cigarette smoke-induced alveolar enlargement in mouse. <i>Respiratory Physiology and Neurobiology</i> , 2011, 175, 322-330. | 0.7 | 11 |

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|----|---|-----|-----------|
| 37 | Long-term exposure to ultrasonically nebulized distilled water and saline causes cellular influx and oxidative stress in lung tissue of rats. <i>Experimental Lung Research</i> , 2015, 41, 546-553. | 0.5 | 10 |
| 38 | Protective Effects of Quercetin on Livers from Mice Exposed to Long-Term Cigarette Smoke. <i>BioMed Research International</i> , 2020, 2020, 1-10. | 0.9 | 9 |
| 39 | Influence of Sexual Dimorphism on Pulmonary Inflammatory Response in Adult Mice Exposed to Chloroform. <i>International Journal of Toxicology</i> , 2015, 34, 250-257. | 0.6 | 8 |
| 40 | The Effects of the Combination of a Refined Carbohydrate Diet and Exposure to Hyperoxia in Mice. <i>Oxidative Medicine and Cellular Longevity</i> , 2016, 2016, 1-11. | 1.9 | 8 |
| 41 | Tobacco-Free Cigarette Smoke Exposure Induces Anxiety and Panic-Related Behaviours in Male Wistar Rats. <i>Scientific Reports</i> , 2018, 8, 4943. | 1.6 | 8 |
| 42 | The administration of surfactant decreased oxidative stress in lungs of mice exposed to cigarette smoke. <i>International Immunopharmacology</i> , 2018, 54, 275-279. | 1.7 | 8 |
| 43 | The effects of different ventilatory modes in female adult rats submitted to mechanical ventilation. <i>Respiratory Physiology and Neurobiology</i> , 2021, 284, 103583. | 0.7 | 8 |
| 44 | Effect of time-dependent cryotherapy on redox balance of quadriceps injuries. <i>Cryobiology</i> , 2016, 72, 1-6. | 0.3 | 7 |
| 45 | Extrapulmonary effects of temporal exposure to cigarette smoke. <i>Toxicology and Industrial Health</i> , 2017, 33, 717-725. | 0.6 | 7 |
| 46 | Alterations in the pulmonary histoarchitecture of neonatal mice exposed to hyperoxia. <i>Jornal De Pediatria</i> , 2013, 89, 300-306. | 0.9 | 6 |
| 47 | The β -blocker carvedilol and the benzimidazole modulate the cardiac immune response in the acute infection induced by Colombian strain of the <i>Trypanosoma cruzi</i> . <i>Memorias Do Instituto Oswaldo Cruz</i> , 2018, 113, e180271. | 0.8 | 6 |
| 48 | Lasting effects of ketamine and isoflurane administration on anxiety- and panic-like behavioral responses in Wistar rats. <i>Life Sciences</i> , 2021, 276, 119423. | 2.0 | 5 |
| 49 | Environmental Enrichment Promotes Antioxidant Effect in the Ventrolateral Medulla and Kidney of Renovascular Hypertensive Rats. <i>Arquivos Brasileiros De Cardiologia</i> , 2019, 113, 905-912. | 0.3 | 5 |
| 50 | Lycopene Ameliorates Liver Inflammation and Redox Status in Mice Exposed to Long-Term Cigarette Smoke. <i>BioMed Research International</i> , 2021, 2021, 1-11. | 0.9 | 5 |
| 51 | Intranasal instillation of distilled water, hypertonic saline and sodium bicarbonate promotes redox imbalance and acute lung inflammation in adult mice. <i>Respiratory Physiology and Neurobiology</i> , 2019, 266, 27-32. | 0.7 | 4 |
| 52 | Cigarette Smoke Causes Changes in Liver and Spleen of Mice Newborn Exposed During Pregnancy. <i>Journal of Cytology & Histology</i> , 2013, 04, . | 0.1 | 4 |
| 53 | Hydrophilic lycopene-coated layered double hydroxide nanoparticles to enhance the antioxidant activity and the oxidative stress evaluation. <i>Applied Nanoscience (Switzerland)</i> , 2021, 11, 2747-2758. | 1.6 | 4 |
| 54 | Oral Formulation of Angiotensin-(1-7) Promotes Therapeutic Actions in a Model of Eosinophilic and Neutrophilic Asthma. <i>Frontiers in Pharmacology</i> , 2021, 12, 557962. | 1.6 | 3 |

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|----|---|-----|-----------|
| 55 | The exogenous surfactant pre-treatment attenuates ventilator-induced lung injury in adult rats. <i>Respiratory Physiology and Neurobiology</i> , 2022, 302, 103911. | 0.7 | 3 |
| 56 | Morphometric analysis of the coronary arteries: a study of the external diameters. <i>Journal of Morphological Sciences</i> , 2016, 33, 138-141. | 0.2 | 2 |
| 57 | Influência do posicionamento dos membros superiores sobre parâmetros ventilatórios em indivíduos adultos. <i>Fisioterapia Em Movimento</i> , 2012, 25, 525-532. | 0.4 | 2 |
| 58 | Different Tidal Volumes May Jeopardize Pulmonary Redox and Inflammatory Status in Healthy Rats Undergoing Mechanical Ventilation. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-10. | 1.9 | 2 |
| 59 | Disease Severity Prediction by Spirometry in Adults with Visceral Leishmaniasis from Minas Gerais, Brazil. <i>American Journal of Tropical Medicine and Hygiene</i> , 2017, 96, 280-284. | 0.6 | 1 |
| 60 | Protein restriction during pregnancy affects lung development and promotes oxidative stress and inflammation in C57BL/6 mice offspring. <i>Nutrition</i> , 2022, , 111682. | 1.1 | 1 |
| 61 | Study of Sinoatrial Nodal Artery Dominance in Brazilian Human Hearts. <i>International Journal of Morphology</i> , 2008, 26, . | 0.1 | 0 |
| 62 | Hyperoxia increases interleukin-17 in airway epithelial cells, alveolar type II cells and alveolar macrophages after ovalbumin-induced lung inflammation. <i>World Allergy Organization Journal</i> , 2015, 8, A50. | 1.6 | 0 |
| 63 | Comparison of long-term exposure of C57BL/6 female mice's lungs to three different types of cigarette smoke available in Brazil. <i>Tobacco Induced Diseases</i> , 2018, 16, . | 0.3 | 0 |
| 64 | Angiotensin-(1-7) therapy attenuates pulmonary emphysema and sickness behavior induced by elastase in a murine model. , 2019, , . | | 0 |
| 65 | The effects of different body positions on pulmonary function in healthy adults. <i>Fisioterapia Em Movimento</i> , 0, 35, . | 0.4 | 0 |