

# Frank Silva Bezerra

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2779959/publications.pdf>

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	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
2	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
3	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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	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
12	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
13	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
14	Aluminum hydroxide nebulization-induced redox imbalance and acute lung inflammation in mice. <i>Experimental Lung Research</i> , 2020, 46, 64-74.	0.5	14
15	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
16	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
17	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
18	Exogenous surfactant prevents hyperoxia-induced lung injury in adult mice. <i>Intensive Care Medicine Experimental</i> , 2019, 7, 19.	0.9	22

#	ARTICLE	IF	CITATIONS
19	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
20	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
21	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
22	Angiotensin-(1-7) therapy attenuates pulmonary emphysema and sickness behavior induced by elastase in a murine model. , 2019, , .		0
23	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
24	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
25	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
26	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
27	The $\beta$ -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
28	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
29	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
30	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
31	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
32	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
33	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
34	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
35	Lycopene pretreatment improves hepatotoxicity induced by acetaminophen in C57BL/6 mice. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 1057-1065.	1.4	27
36	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

#	ARTICLE	IF	CITATIONS
37	Extrapulmonary effects of temporal exposure to cigarette smoke. <i>Toxicology and Industrial Health</i> , 2017, 33, 717-725.	0.6	7
38	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
39	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
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	Effect of time-dependent cryotherapy on redox balance of quadriceps injuries. <i>Cryobiology</i> , 2016, 72, 1-6.	0.3	7
42	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
43	Hyperoxia promotes polarization of the immune response in ovalbumin-induced airway inflammation, leading to a TH <sub>17</sub> cell phenotype. <i>Immunity, Inflammation and Disease</i> , 2015, 3, 321-337.	1.3	19
44	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
45	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
46	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
47	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
48	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
49	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
50	Alterations in the pulmonary histoarchitecture of neonatal mice exposed to hyperoxia. <i>Jornal De Pediatria</i> , 2013, 89, 300-306.	0.9	6
51	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
52	Cigarette Smoke Causes Changes in Liver and Spleen of Mice Newborn Exposed During Pregnancy. <i>Journal of Cytology &amp; Histology</i> , 2013, 04, .	0.1	4
53	The Oxidative Response of Mouse Hearts is Modulated by Genetic Background. <i>Arquivos Brasileiros De Cardiologia</i> , 2013, 100, 157-163.	0.3	12
54	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

#	ARTICLE	IF	CITATIONS
55	Influência do posicionamento dos membros superiores sobre parâmetros ventilatórios em indivíduos adultos. <i>Fisioterapia Em Movimento</i> , 2012, 25, 525-532.	0.4	2
56	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
57	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
58	Organ-related cigarette smoke-induced oxidative stress is strain-dependent. <i>Medical Science Monitor</i> , 2010, 16, BR218-26.	0.5	29
59	HYPEROXIA-INDUCED LUNG INJURY IS DOSE DEPENDENT IN WISTAR RATS. <i>Experimental Lung Research</i> , 2009, 35, 713-728.	0.5	34
60	Supplementation with vitamins C and E improves mouse lung repair. <i>Journal of Nutritional Biochemistry</i> , 2008, 19, 604-611.	1.9	27
61	Mate tea reduced acute lung inflammation in mice exposed to cigarette smoke. <i>Nutrition</i> , 2008, 24, 375-381.	1.1	77
62	Oxidative stress in mouse plasma and lungs induced by cigarette smoke and lipopolysaccharide. <i>Environmental Research</i> , 2008, 108, 199-204.	3.7	75
63	Study of Sinoatrial Nodal Artery Dominance in Brazilian Human Hearts. <i>International Journal of Morphology</i> , 2008, 26, .	0.1	0
64	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
65	The effects of different body positions on pulmonary function in healthy adults. <i>Fisioterapia Em Movimento</i> , 0, 35, .	0.4	0