

Samuel dos Santos Valena

List of Publications by Year in Descending Order

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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.

97
papers

2,431
citations

28
h-index

44
g-index

104
ext. papers

2,737
ext. citations

3.8
avg, IF

4.54
L-index

#	Paper	IF	Citations
97	Sulforaphane and Albumin Attenuate Experimental Intestinal Ischemia-Reperfusion Injury. <i>Journal of Surgical Research</i> , 2021 , 262, 212-223	2.5	1
96	Bixin loaded on polymeric nanoparticles: synthesis, characterization, and antioxidant applications in a biological system. <i>Applied Nanoscience (Switzerland)</i> , 2021 , 11, 63-78	3.3	3
95	Diallyl disulfide prevents cigarette smoke-induced emphysema in mice. <i>Pulmonary Pharmacology and Therapeutics</i> , 2021 , 69, 102053	3.5	1
94	Oleic acid and hydroxytyrosol present in olive oil promote ROS and inflammatory response in normal cultures of murine dermal fibroblasts through the NF- κ B and NRF2 pathways. <i>Food Research International</i> , 2020 , 131, 108984	7	11
93	Nanodomains in cardiopulmonary disorders and the impact of air pollution. <i>Biochemical Society Transactions</i> , 2020 , 48, 799-811	5.1	5
92	Dimethyl Fumarate Attenuates Lung Inflammation and Oxidative Stress Induced by Chronic Exposure to Diesel Exhaust Particles in Mice. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	10
91	Function of cAMP scaffolds in obstructive lung disease: Focus on epithelial-to-mesenchymal transition and oxidative stress. <i>British Journal of Pharmacology</i> , 2019 , 176, 2402-2415	8.6	11
90	Probiotic Prato cheese attenuates cigarette smoke-induced injuries in mice. <i>Food Research International</i> , 2019 , 123, 697-703	7	28
89	Eucalyptol promotes lung repair in mice following cigarette smoke-induced emphysema. <i>Phytomedicine</i> , 2019 , 55, 70-79	6.5	21
88	Mate tea reduces high fat diet-induced liver and metabolic disorders in mice. <i>Biomedicine and Pharmacotherapy</i> , 2019 , 109, 1547-1555	7.5	16
87	Acute Exposure to Diesel-Biodiesel Particulate Matter Promotes Murine Lung Oxidative Stress by Nrf2/HO-1 and Inflammation Through the NF- κ B/TNF- α Pathways. <i>Inflammation</i> , 2019 , 42, 526-537	5.1	17
86	AT-RVD1 repairs mouse lung after cigarette smoke-induced emphysema via downregulation of oxidative stress by NRF2/KEAP1 pathway. <i>International Immunopharmacology</i> , 2018 , 56, 330-338	5.8	28
85	Oxidative imbalance in mice intoxicated by microcystin-LR can be minimized. <i>Toxicol</i> , 2018 , 144, 75-82	2.8	3
84	polymorphism rs689466 favors breast cancer recurrence in obese patients. <i>Endocrine-Related Cancer</i> , 2018 , 25, 351-365	5.7	3
83	Atorvastatin dose-dependently promotes mouse lung repair after emphysema induced by elastase. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 102, 160-168	7.5	9
82	Production of chlorzoxazone glucuronides via cytochrome P4502E1 dependent and independent pathways in human hepatocytes. <i>Archives of Toxicology</i> , 2018 , 92, 3077-3091	5.8	12
81	Atorvastatin and Simvastatin Promoted Mouse Lung Repair After Cigarette Smoke-Induced Emphysema. <i>Inflammation</i> , 2017 , 40, 965-979	5.1	18

80	Inflammatory and Oxidative Stress Markers in Experimental Allergic Asthma. <i>Inflammation</i> , 2017 , 40, 1166-1176	5.1	11
79	Pulmonary Emphysema Cross-Linking with Pulmonary Fibrosis and Vice Versa: a Non-usual Experimental Intervention with Elastase and Bleomycin. <i>Inflammation</i> , 2017 , 40, 1487-1496	5.1	2
78	High fat diet and high polyphenols beverages effects in enzymatic and non-enzymatic antioxidant activity. <i>Nutricion Hospitalaria</i> , 2017 , 35, 169-175	1	2
77	Propolis reversed cigarette smoke-induced emphysema through macrophage alternative activation independent of Nrf2. <i>Bioorganic and Medicinal Chemistry</i> , 2017 , 25, 5557-5568	3.4	17
76	Pharmacological modulation of reactive oxygen species (ROS) improves the airway hyperresponsiveness by shifting the Th1 response in allergic inflammation induced by ovalbumin. <i>Free Radical Research</i> , 2017 , 51, 708-722	4	10
75	Time Course of the Phenotype of Blood and Bone Marrow Monocytes and Macrophages in the Lung after Cigarette Smoke Exposure In Vivo. <i>International Journal of Molecular Sciences</i> , 2017 , 18,	6.3	15
74	Grape skin extract-derived polyphenols modify programming-induced renal endowment in prenatal protein-restricted male mouse offspring. <i>European Journal of Nutrition</i> , 2016 , 55, 1455-64	5.2	10
73	Pulmonary and hepatic injury after sub-chronic exposure to sublethal doses of microcystin-LR. <i>Toxicon</i> , 2016 , 112, 51-8	2.8	11
72	Elastase modifies bleomycin-induced pulmonary fibrosis in mice. <i>Acta Histochemica</i> , 2016 , 118, 203-12	2	4
71	Roflumilast n-oxide associated with PGE2 prevents the neutrophil elastase-induced production of chemokines by epithelial cells. <i>International Immunopharmacology</i> , 2016 , 30, 1-8	5.8	6
70	Physical exercise is effective in preventing cigarette smoke-induced pulmonary oxidative response in mice. <i>International Journal of COPD</i> , 2016 , 11, 603-10	3	18
69	2,2RAzobis (2-Amidinopropane) Dihydrochloride Is a Useful Tool to Impair Lung Function in Rats. <i>Frontiers in Physiology</i> , 2016 , 7, 475	4.6	2
68	Eucalyptol attenuates cigarette smoke-induced acute lung inflammation and oxidative stress in the mouse. <i>Pulmonary Pharmacology and Therapeutics</i> , 2016 , 41, 11-18	3.5	45
67	Involvement of matrix metalloproteinases (MMPs) and inflammasome pathway in molecular mechanisms of fibrosis. <i>Bioscience Reports</i> , 2016 , 36,	4.1	99
66	Rats undernourished in utero have altered Ca ²⁺ signaling and reduced fertility in adulthood. <i>Physiological Reports</i> , 2015 , 3, e12587	2.6	4
65	Effect of exercise training on liver antioxidant enzymes in STZ-diabetic rats. <i>Life Sciences</i> , 2015 , 128, 64-718	18	14
64	Dualistic evolution of liver damage in mice triggered by a single sublethal exposure to Microcystin-LR. <i>Toxicon</i> , 2014 , 83, 43-51	2.8	13
63	Papain-induced experimental pulmonary emphysema in male and female mice. <i>Respiratory Physiology and Neurobiology</i> , 2014 , 200, 90-6	2.8	8

62	Respiratory toxicity of repeated exposure to particles produced by traffic and sugar cane burning. <i>Respiratory Physiology and Neurobiology</i> , 2014 , 191, 106-13	2.8	13
61	The influence of 5-lipoxygenase on cigarette smoke-induced emphysema in mice. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014 , 1840, 199-208	4	8
60	Roflumilast N-oxide prevents cytokine secretion induced by cigarette smoke combined with LPS through JAK/STAT and ERK1/2 inhibition in airway epithelial cells. <i>PLoS ONE</i> , 2014 , 9, e85243	3.7	26
59	Oxidative damage induced by cigarette smoke exposure in mice: impact on lung tissue and diaphragm muscle. <i>Jornal Brasileiro De Pneumologia</i> , 2014 , 40, 411-20	1.1	16
58	The effect and safety of dressing composed by nylon threads covered with metallic silver in wound treatment. <i>International Wound Journal</i> , 2014 , 11, 190-7	2.6	4
57	Oxidative stress and inflammation are differentially affected by atorvastatin, pravastatin, rosuvastatin, and simvastatin on lungs from mice exposed to cigarette smoke. <i>Inflammation</i> , 2014 , 37, 1355-65	5.1	27
56	Critical role for CCR2 and HMGB1 in induction of experimental endotoxic shock. <i>Archives of Biochemistry and Biophysics</i> , 2013 , 537, 72-81	4.1	8
55	Mate Tea 2013 , 161-170		0
54	Saponins from the roots of <i>Chiococca alba</i> and their in vitro anti-inflammatory activity. <i>Phytochemistry Letters</i> , 2013 , 6, 96-100	1.9	7
53	Antioxidant action of propolis on mouse lungs exposed to short-term cigarette smoke. <i>Bioorganic and Medicinal Chemistry</i> , 2013 , 21, 7570-7	3.4	22
52	Ready-to-drink Matte tea (diet and regular) increased life span and pulmonary health in aged mice. <i>Food Research International</i> , 2013 , 54, 675-682	7	1
51	Redox markers and inflammation are differentially affected by atorvastatin, pravastatin or simvastatin administered before endotoxin-induced acute lung injury. <i>International Immunopharmacology</i> , 2013 , 17, 57-64	5.8	31
50	Effects of exercise on monocrotaline-induced changes in right heart function and pulmonary artery remodeling in rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 2013 , 91, 38-44	2.4	43
49	Undernutrition affects cell survival, oxidative stress, Ca ²⁺ handling and signaling pathways in vas deferens, crippling reproductive capacity. <i>PLoS ONE</i> , 2013 , 8, e69682	3.7	12
48	Time course of inflammation, oxidative stress and tissue damage induced by hyperoxia in mouse lungs. <i>International Journal of Experimental Pathology</i> , 2012 , 93, 269-78	2.8	62
47	Effects of <i>Euterpe oleracea</i> Mart. (AA) extract in acute lung inflammation induced by cigarette smoke in the mouse. <i>Phytomedicine</i> , 2012 , 19, 262-9	6.5	76
46	Low-level infrared laser effect on plasmid DNA. <i>Lasers in Medical Science</i> , 2012 , 27, 121-30	3.1	25
45	Low-intensity infrared laser increases plasma proteins and induces oxidative stress in vitro. <i>Lasers in Medical Science</i> , 2012 , 27, 211-7	3.1	20

44	Euterpe oleracea Mart.-derived polyphenols prevent endothelial dysfunction and vascular structural changes in renovascular hypertensive rats: role of oxidative stress. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , 2012 , 385, 1199-209	3.4	56
43	Ready-to-drink matte tea shows anti-inflammatory and antioxidant properties on a cigarette smoke exposure model. <i>Food Research International</i> , 2012 , 48, 798-801	7	5
42	Oxidative stress and nitrosative stress are involved in different stages of proteolytic pulmonary emphysema. <i>Free Radical Biology and Medicine</i> , 2012 , 53, 1993-2001	7.8	45
41	Oxidative damage in alveolar macrophages exposed to cigarette smoke extract and participation of nitric oxide in redox balance. <i>Toxicology in Vitro</i> , 2012 , 26, 791-8	3.6	14
40	Time-dependence of lung injury in mice acutely exposed to cylindrospermopsin. <i>Toxicol</i> , 2012 , 60, 764-728		16
39	Low intensity infrared laser effects on Escherichia coli cultures and plasmid DNA. <i>Laser Physics</i> , 2012 , 22, 1635-1641	1.2	13
38	Eugenol attenuates pulmonary damage induced by diesel exhaust particles. <i>Journal of Applied Physiology</i> , 2012 , 112, 911-7	3.7	27
37	Redox imbalance and pulmonary function in bleomycin-induced fibrosis in C57BL/6, DBA/2, and BALB/c mice. <i>Toxicologic Pathology</i> , 2012 , 40, 731-41	2.1	19
36	Low tidal volume mechanical ventilation and oxidative stress in healthy mouse lungs. <i>Jornal Brasileiro De Pneumologia</i> , 2012 , 38, 98-104	1.1	5
35	LASSBio 596 per os avoids pulmonary and hepatic inflammation induced by microcystin-LR. <i>Toxicol</i> , 2011 , 58, 195-201	2.8	20
34	Addition of aβ(Euterpe oleracea) to cigarettes has a protective effect against emphysema in mice. <i>Food and Chemical Toxicology</i> , 2011 , 49, 855-63	4.7	32
33	L-NAME and L-arginine differentially ameliorate cigarette smoke-induced emphysema in mice. <i>Pulmonary Pharmacology and Therapeutics</i> , 2011 , 24, 587-94	3.5	21
32	N-(2-mercaptopropionyl)-glycine but not allopurinol prevented cigarette smoke-induced alveolar enlargement in mouse. <i>Respiratory Physiology and Neurobiology</i> , 2011 , 175, 322-30	2.8	11
31	Long-term exposure to cigarette smoke impairs lung function and increases HMGB-1 expression in mice. <i>Respiratory Physiology and Neurobiology</i> , 2011 , 177, 120-6	2.8	40
30	Effects of oleanolic acid on pulmonary morphofunctional and biochemical variables in experimental acute lung injury. <i>Respiratory Physiology and Neurobiology</i> , 2011 , 179, 129-36	2.8	17
29	Mate tea ameliorates emphysema in cigarette smoke-exposed mice. <i>Experimental Lung Research</i> , 2011 , 37, 246-57	2.3	18
28	Low dose of fine particulate matter (PM2.5) can induce acute oxidative stress, inflammation and pulmonary impairment in healthy mice. <i>Inhalation Toxicology</i> , 2011 , 23, 257-67	2.7	170
27	Endotoxin-induced acute lung injury is dependent upon oxidative response. <i>Inhalation Toxicology</i> , 2011 , 23, 918-26	2.7	13

26	Grape skin extract reduced pulmonary oxidative response in mice exposed to cigarette smoke. <i>Medical Science Monitor</i> , 2011 , 17, BR187-195	3.2	15
25	Can LASSBio 596 and dexamethasone treat acute lung and liver inflammation induced by microcystin-LR?. <i>Toxicol</i> , 2010 , 56, 604-12	2.8	23
24	Organ-related cigarette smoke-induced oxidative stress is strain-dependent. <i>Medical Science Monitor</i> , 2010 , 16, BR218-26	3.2	29
23	ATLa, an aspirin-triggered lipoxin A4 synthetic analog, prevents the inflammatory and fibrotic effects of bleomycin-induced pulmonary fibrosis. <i>Journal of Immunology</i> , 2009 , 182, 5374-81	5.3	62
22	Ccn2/Ctgf overexpression induced by cigarette smoke during cutaneous wound healing is strain dependent. <i>Toxicologic Pathology</i> , 2009 , 37, 175-82	2.1	8
21	Hyperoxia-induced lung injury is dose dependent in Wistar rats. <i>Experimental Lung Research</i> , 2009 , 35, 713-28	2.3	30
20	Antioxidant treatment with tempol and apocynin prevents endothelial dysfunction and development of renovascular hypertension. <i>American Journal of Hypertension</i> , 2009 , 22, 1242-9	2.3	49
19	Aspirin and indomethacin reduce lung inflammation of mice exposed to cigarette smoke. <i>Biochemical Pharmacology</i> , 2009 , 77, 1029-39	6	20
18	Involvement of nitric oxide in acute lung inflammation induced by cigarette smoke in the mouse. <i>Nitric Oxide - Biology and Chemistry</i> , 2009 , 20, 175-81	5	32
17	The effects of physical exercise on the cigarette smoke-induced pulmonary oxidative response. <i>Pulmonary Pharmacology and Therapeutics</i> , 2009 , 22, 567-73	3.5	38
16	The selective MMP-12 inhibitor, AS111793 reduces airway inflammation in mice exposed to cigarette smoke. <i>British Journal of Pharmacology</i> , 2008 , 154, 1206-15	8.6	63
15	Mate tea reduced acute lung inflammation in mice exposed to cigarette smoke. <i>Nutrition</i> , 2008 , 24, 375-81	4.8	68
14	Attenuation of bleomycin-induced lung injury and oxidative stress by N-acetylcysteine plus deferoxamine. <i>Pulmonary Pharmacology and Therapeutics</i> , 2008 , 21, 309-16	3.5	82
13	Oxidative stress in mouse plasma and lungs induced by cigarette smoke and lipopolysaccharide. <i>Environmental Research</i> , 2008 , 108, 199-204	7.9	66
12	Immunohistochemical study of lung remodeling in mice exposed to cigarette smoke*. <i>Jornal Brasileiro De Pneumologia</i> , 2008 , 34, 787-95	1.1	28
11	Effects of Oral Nicotine on Rat Liver Stereology. <i>International Journal of Morphology</i> , 2008 , 26,	0.5	9
10	Supplementation with vitamins C and E improves mouse lung repair. <i>Journal of Nutritional Biochemistry</i> , 2008 , 19, 604-11	6.3	27
9	Antihypertensive Effects and Antioxidant Action of a Hydro-Alcoholic Extract Obtained from Fruits of <i>Euterpe oleracea</i> Mart. (Acai). <i>Journal of Pharmacology and Toxicology</i> , 2008 , 3, 435-448	0.4	18

8	Effects of cigarette smoke in mice wound healing is strain dependent. <i>Toxicologic Pathology</i> , 2007 , 35, 890-6	2.1	31
7	Alpha-tocopherol and ascorbic acid supplementation reduced acute lung inflammatory response by cigarette smoke in mouse. <i>Nutrition</i> , 2006 , 22, 1192-201	4.8	49
6	Light cigarette smoke-induced emphysema and NFkappaB activation in mouse lung. <i>International Journal of Experimental Pathology</i> , 2006 , 87, 373-81	2.8	44
5	Immunohistochemical study of tumor necrosis factor-alpha, matrix metalloproteinase-12, and tissue inhibitor of metalloproteinase-2 on alveolar macrophages of BALB/c mice exposed to short-term cigarette smoke. <i>Experimental Lung Research</i> , 2005 , 31, 759-70	2.3	27
4	Sodium pertechnetate (Na99mTcO4) biodistribution in mice exposed to cigarette smoke. <i>BMC Nuclear Medicine</i> , 2005 , 5, 1		15
3	Emphysema and metalloelastase expression in mouse lung induced by cigarette smoke. <i>Toxicologic Pathology</i> , 2004 , 32, 351-6	2.1	75
2	Lung morphometry and MMP-12 expression in rats treated with intraperitoneal nicotine. <i>Experimental and Toxicologic Pathology</i> , 2004 , 55, 393-400		13
1	Inhibition of interleukin-1beta reduces mouse lung inflammation induced by exposure to cigarette smoke. <i>European Journal of Pharmacology</i> , 2004 , 498, 279-86	5.3	68