

# Samuel dos Santos ValenÃ§a

## List of Publications by Year in descending order

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102  
papers

3,026  
citations

147566

31  
h-index

197535

49  
g-index

104  
all docs

104  
docs citations

104  
times ranked

4362  
citing authors

#	ARTICLE	IF	CITATIONS
1	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, 257-267.	0.8	213
2	Involvement of matrix metalloproteinases (MMPs) and inflammasome pathway in molecular mechanisms of fibrosis. <i>Bioscience Reports</i> , 2016, 36, .	1.1	143
3	Effects of <i>Euterpe oleracea</i> Mart. (Açaí) extract in acute lung inflammation induced by cigarette smoke in the mouse. <i>Phytomedicine</i> , 2012, 19, 262-269.	2.3	100
4	Attenuation of bleomycin-induced lung injury and oxidative stress by N-acetylcysteine plus deferoxamine. <i>Pulmonary Pharmacology and Therapeutics</i> , 2008, 21, 309-316.	1.1	91
5	Emphysema and Metalloelastase Expression in Mouse Lung Induced by Cigarette Smoke. <i>Toxicologic Pathology</i> , 2004, 32, 351-356.	0.9	80
6	Inhibition of interleukin-1 $\beta$ reduces mouse lung inflammation induced by exposure to cigarette smoke. <i>European Journal of Pharmacology</i> , 2004, 498, 279-286.	1.7	79
7	The selective MMP-12 inhibitor, AS111793 reduces airway inflammation in mice exposed to cigarette smoke. <i>British Journal of Pharmacology</i> , 2008, 154, 1206-1215.	2.7	79
8	Mate tea reduced acute lung inflammation in mice exposed to cigarette smoke. <i>Nutrition</i> , 2008, 24, 375-381.	1.1	77
9	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, 5374-5381.	0.4	77
10	Oxidative stress in mouse plasma and lungs induced by cigarette smoke and lipopolysaccharide. <i>Environmental Research</i> , 2008, 108, 199-204.	3.7	75
11	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
12	<i>Euterpe oleracea</i> 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, 1199-1209.	1.4	68
13	Eucalyptol attenuates cigarette smoke-induced acute lung inflammation and oxidative stress in the mouse. <i>Pulmonary Pharmacology and Therapeutics</i> , 2016, 41, 11-18.	1.1	61
14	$\alpha$ -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
15	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.	1.3	55
16	Antioxidant Treatment With Tempol and Apocynin Prevents Endothelial Dysfunction and Development of Renovascular Hypertension. <i>American Journal of Hypertension</i> , 2009, 22, 1242-1249.	1.0	53
17	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.	0.7	51
18	Light cigarette smoke-induced emphysema and NF- $\kappa$ B activation in mouse lung. <i>International Journal of Experimental Pathology</i> , 2006, 87, 373-381.	0.6	47

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19	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
20	Addition of eucalyptol ( <i>Eucalyptus oleracea</i> ) to cigarettes has a protective effect against emphysema in mice. <i>Food and Chemical Toxicology</i> , 2011, 49, 855-863.	1.8	43
21	The effects of physical exercise on the cigarette smoke-induced pulmonary oxidative response. <i>Pulmonary Pharmacology and Therapeutics</i> , 2009, 22, 567-573.	1.1	42
22	Probiotic Prato cheese attenuates cigarette smoke-induced injuries in mice. <i>Food Research International</i> , 2019, 123, 697-703.	2.9	40
23	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.	1.7	39
24	Involvement of nitric oxide in acute lung inflammation induced by cigarette smoke in the mouse. <i>Nitric Oxide - Biology and Chemistry</i> , 2009, 20, 175-181.	1.2	38
25	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.	1.7	38
26	Eucalyptol promotes lung repair in mice following cigarette smoke-induced emphysema. <i>Phytomedicine</i> , 2019, 55, 70-79.	2.3	38
27	Effects of Cigarette Smoke in Mice Wound Healing is Strain Dependent. <i>Toxicologic Pathology</i> , 2007, 35, 890-896.	0.9	34
28	HYPEROXIA-INDUCED LUNG INJURY IS DOSE DEPENDENT IN WISTAR RATS. <i>Experimental Lung Research</i> , 2009, 35, 713-728.	0.5	34
29	Eugenol attenuates pulmonary damage induced by diesel exhaust particles. <i>Journal of Applied Physiology</i> , 2012, 112, 911-917.	1.2	33
30	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, 1355-1365.	1.7	32
31	Estudo imunohistoquímico do remodelamento pulmonar em camundongos expostos à fumaça de cigarro. <i>Jornal Brasileiro De Pneumologia</i> , 2008, 34, 787-795.	0.4	31
32	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.	1.1	29
33	Organ-related cigarette smoke-induced oxidative stress is strain-dependent. <i>Medical Science Monitor</i> , 2010, 16, BR218-26.	0.5	29
34	Low-level infrared laser effect on plasmid DNA. <i>Lasers in Medical Science</i> , 2012, 27, 121-130.	1.0	28
35	Antioxidant action of propolis on mouse lungs exposed to short-term cigarette smoke. <i>Bioorganic and Medicinal Chemistry</i> , 2013, 21, 7570-7577.	1.4	28
36	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, 759-770.	0.5	27

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37	Supplementation with vitamins C and E improves mouse lung repair. <i>Journal of Nutritional Biochemistry</i> , 2008, 19, 604-611.	1.9	27
38	Can LASSBio 596 and dexamethasone treat acute lung and liver inflammation induced by microcystin-LR?. <i>Toxicol</i> , 2010, 56, 604-612.	0.8	25
39	Redox Imbalance and Pulmonary Function in Bleomycin-Induced Fibrosis in C57BL/6, DBA/2, and BALB/c Mice. <i>Toxicologic Pathology</i> , 2012, 40, 731-741.	0.9	25
40	Propolis reversed cigarette smoke-induced emphysema through macrophage alternative activation independent of Nrf2. <i>Bioorganic and Medicinal Chemistry</i> , 2017, 25, 5557-5568.	1.4	25
41	Acute Exposure to Diesel-Biodiesel Particulate Matter Promotes Murine Lung Oxidative Stress by Nrf2/HO-1 and Inflammation Through the NF- $\kappa$ B/TNF- $\alpha$ Pathways. <i>Inflammation</i> , 2019, 42, 526-537.	1.7	25
42	Oleic acid and hydroxytyrosol present in olive oil promote ROS and inflammatory response in normal cultures of murine dermal fibroblasts through the NF- $\kappa$ B and NRF2 pathways. <i>Food Research International</i> , 2020, 131, 108984.	2.9	25
43	l-NAME and l-arginine differentially ameliorate cigarette smoke-induced emphysema in mice. <i>Pulmonary Pharmacology and Therapeutics</i> , 2011, 24, 587-594.	1.1	24
44	Aspirin and indomethacin reduce lung inflammation of mice exposed to cigarette smoke. <i>Biochemical Pharmacology</i> , 2009, 77, 1029-1039.	2.0	23
45	Atorvastatin and Simvastatin Promoted Mouse Lung Repair After Cigarette Smoke-Induced Emphysema. <i>Inflammation</i> , 2017, 40, 965-979.	1.7	23
46	Mate tea reduces high fat diet-induced liver and metabolic disorders in mice. <i>Biomedicine and Pharmacotherapy</i> , 2019, 109, 1547-1555.	2.5	22
47	Effects of oleanolic acid on pulmonary morphofunctional and biochemical variables in experimental acute lung injury. <i>Respiratory Physiology and Neurobiology</i> , 2011, 179, 129-136.	0.7	21
48	Effect of exercise training on liver antioxidant enzymes in STZ-diabetic rats. <i>Life Sciences</i> , 2015, 128, 64-71.	2.0	21
49	Physical exercise is effective in preventing cigarette smoke-induced pulmonary oxidative response in mice. <i>International Journal of COPD</i> , 2016, 11, 603.	0.9	21
50	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	21
51	Mate tea ameliorates emphysema in cigarette smoke-exposed mice. <i>Experimental Lung Research</i> , 2011, 37, 246-257.	0.5	20
52	LASSBio 596 per os avoids pulmonary and hepatic inflammation induced by microcystin-LR. <i>Toxicol</i> , 2011, 58, 195-201.	0.8	20
53	Low-intensity infrared laser increases plasma proteins and induces oxidative stress in vitro. <i>Lasers in Medical Science</i> , 2012, 27, 211-217.	1.0	20
54	Respiratory toxicity of repeated exposure to particles produced by traffic and sugar cane burning. <i>Respiratory Physiology and Neurobiology</i> , 2014, 191, 106-113.	0.7	20

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55	Time-dependence of lung injury in mice acutely exposed to cylindrospermopsin. <i>Toxicol</i> , 2012, 60, 764-772.	0.8	19
56	Undernutrition Affects Cell Survival, Oxidative Stress, Ca <sup>2+</sup> Handling and Signaling Pathways in Vas Deferens, Crippling Reproductive Capacity. <i>PLoS ONE</i> , 2013, 8, e69682.	1.1	19
57	Oxidative damage induced by cigarette smoke exposure in mice: impact on lung tissue and diaphragm muscle. <i>Jornal Brasileiro De Pneumologia</i> , 2014, 40, 411-420.	0.4	19
58	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.	1.5	19
59	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, 1940.	1.8	19
60	Production of chlorzoxazone glucuronides via cytochrome P4502E1 dependent and independent pathways in human hepatocytes. <i>Archives of Toxicology</i> , 2018, 92, 3077-3091.	1.9	19
61	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, 791-798.	1.1	18
62	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.	2.7	18
63	Low intensity infrared laser effects on Escherichia coli cultures and plasmid DNA. <i>Laser Physics</i> , 2012, 22, 1635-1641.	0.6	17
64	Pulmonary and hepatic injury after sub-chronic exposure to sublethal doses of microcystin-LR. <i>Toxicol</i> , 2016, 112, 51-58.	0.8	16
65	Grape skin extract reduced pulmonary oxidative response in mice exposed to cigarette smoke. <i>Medical Science Monitor</i> , 2011, 17, BR187-BR195.	0.5	16
66	Sodium pertechnetate (Na <sup>99m</sup> TcO <sub>4</sub> ) biodistribution in mice exposed to cigarette smoke. <i>BMC Nuclear Medicine</i> , 2005, 5, 1.	1.4	15
67	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, 9658.	1.8	15
68	Lung morphometry and MMP-12 expression in rats treated with intraperitoneal nicotine. <i>Experimental and Toxicologic Pathology</i> , 2004, 55, 393-400.	2.1	14
69	Endotoxin-induced acute lung injury is dependent upon oxidative response. <i>Inhalation Toxicology</i> , 2011, 23, 918-926.	0.8	14
70	Dualistic evolution of liver damage in mice triggered by a single sublethal exposure to Microcystin-LR. <i>Toxicol</i> , 2014, 83, 43-51.	0.8	14
71	Inflammatory and Oxidative Stress Markers in Experimental Allergic Asthma. <i>Inflammation</i> , 2017, 40, 1166-1176.	1.7	14
72	Effects of Oral Nicotine on Rat Liver Stereology. <i>International Journal of Morphology</i> , 2008, 26, .	0.1	12

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73	Ventilação mecânica com baixo volume corrente e estresse oxidativo em pulmões saudáveis de camundongos. <i>Jornal Brasileiro De Pneumologia</i> , 2012, 38, 98-104.	0.4	12
74	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
75	Papain-induced experimental pulmonary emphysema in male and female mice. <i>Respiratory Physiology and Neurobiology</i> , 2014, 200, 90-96.	0.7	11
76	Atorvastatin dose-dependently promotes mouse lung repair after emphysema induced by elastase. <i>Biomedicine and Pharmacotherapy</i> , 2018, 102, 160-168.	2.5	11
77	Nanodomains in cardiopulmonary disorders and the impact of air pollution. <i>Biochemical Society Transactions</i> , 2020, 48, 799-811.	1.6	11
78	The influence of 5-lipoxygenase on cigarette smoke-induced emphysema in mice. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 199-208.	1.1	10
79	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, 1455-1464.	1.8	10
80	Bixin loaded on polymeric nanoparticles: synthesis, characterization, and antioxidant applications in a biological system. <i>Applied Nanoscience (Switzerland)</i> , 2021, 11, 63-78.	1.6	10
81	ASK1 Regulates Bleomycin-induced Pulmonary Fibrosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2022, 66, 484-496.	1.4	10
82	Critical role for CCR2 and HMGB1 in induction of experimental endotoxic shock. <i>Archives of Biochemistry and Biophysics</i> , 2013, 537, 72-81.	1.4	9
83	<i>Ccn2/Ctgf</i> Overexpression Induced by Cigarette Smoke during Cutaneous Wound Healing is Strain Dependent. <i>Toxicologic Pathology</i> , 2009, 37, 175-182.	0.9	8
84	Saponins from the roots of <i>Chiococca alba</i> and their in vitro anti-inflammatory activity. <i>Phytochemistry Letters</i> , 2013, 6, 96-100.	0.6	8
85	Rats undernourished in utero have altered Ca <sup>2+</sup> signaling and reduced fertility in adulthood. <i>Physiological Reports</i> , 2015, 3, e12587.	0.7	8
86	2,2'-Azobis (2-Amidinopropane) Dihydrochloride Is a Useful Tool to Impair Lung Function in Rats. <i>Frontiers in Physiology</i> , 2016, 7, 475.	1.3	7
87	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.	1.7	7
88	Diallyl disulfide prevents cigarette smoke-induced emphysema in mice. <i>Pulmonary Pharmacology and Therapeutics</i> , 2021, 69, 102053.	1.1	7
89	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.	2.9	6
90	The effect and safety of dressing composed by nylon threads covered with metallic silver in wound treatment. <i>International Wound Journal</i> , 2014, 11, 190-197.	1.3	6

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91	Treatment with Bixin-Loaded Polymeric Nanoparticles Prevents Cigarette Smoke-Induced Acute Lung Inflammation and Oxidative Stress in Mice. <i>Antioxidants</i> , 2022, 11, 1293.	2.2	5
92	Elastase modifies bleomycin-induced pulmonary fibrosis in mice. <i>Acta Histochemica</i> , 2016, 118, 203-212.	0.9	4
93	High fat diet and high polyphenols beverages effects in enzymatic and non-enzymatic antioxidant activity. <i>Nutricion Hospitalaria</i> , 2017, 35, 169-175.	0.2	4
94	Oxidative imbalance in mice intoxicated by microcystin-LR can be minimized. <i>Toxicon</i> , 2018, 144, 75-82.	0.8	4
95	PTGS2 polymorphism rs689466 favors breast cancer recurrence in obese patients. <i>Endocrine-Related Cancer</i> , 2018, 25, 351-365.	1.6	4
96	Sulforaphane and Albumin Attenuate Experimental Intestinal Ischemia-Reperfusion Injury. <i>Journal of Surgical Research</i> , 2021, 262, 212-223.	0.8	4
97	Translational Application of Fluorescent Molecular Probes for the Detection of Reactive Oxygen and Nitrogen Species Associated with Intestinal Reperfusion Injury. <i>Metabolites</i> , 2021, 11, 802.	1.3	4
98	Beneficial effects of <i>Ilex paraguariensis</i> in the prevention of obesity-associated metabolic disorders in mice. <i>Phytotherapy Research</i> , 2022, 36, 1032-1042.	2.8	3
99	Mate Tea. , 2013, , 161-170.		2
100	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.	2.9	2
101	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.	1.7	2
102	Study of Sinoatrial Nodal Artery Dominance in Brazilian Human Hearts. <i>International Journal of Morphology</i> , 2008, 26, .	0.1	0