Samuel dos Santos Valença

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Beneficial effects of <i>llex paraguariensis</i> in the prevention of obesityâ€associated metabolic disorders in mice. Phytotherapy Research, 2022, 36, 1032-1042.	5.8	3
2	ASK1 Regulates Bleomycin-induced Pulmonary Fibrosis. American Journal of Respiratory Cell and Molecular Biology, 2022, 66, 484-496.	2.9	10
3	Treatment with Bixin-Loaded Polymeric Nanoparticles Prevents Cigarette Smoke-Induced Acute Lung Inflammation and Oxidative Stress in Mice. Antioxidants, 2022, 11, 1293.	5.1	5
4	Bixin loaded on polymeric nanoparticles: synthesis, characterization, and antioxidant applications in a biological system. Applied Nanoscience (Switzerland), 2021, 11, 63-78.	3.1	10
5	Sulforaphane and Albumin Attenuate Experimental Intestinal Ischemia-Reperfusion Injury. Journal of Surgical Research, 2021, 262, 212-223.	1.6	4
6	Diallyl disulfide prevents cigarette smoke-induced emphysema in mice. Pulmonary Pharmacology and Therapeutics, 2021, 69, 102053.	2.6	7
7	Translational Application of Fluorescent Molecular Probes for the Detection of Reactive Oxygen and Nitrogen Species Associated with Intestinal Reperfusion Injury. Metabolites, 2021, 11, 802.	2.9	4
8	Dimethyl Fumarate Attenuates Lung Inflammation and Oxidative Stress Induced by Chronic Exposure to Diesel Exhaust Particles in Mice. International Journal of Molecular Sciences, 2020, 21, 9658.	4.1	15
9	Oleic acid and hydroxytyrosol present in olive oil promote ROS and inflammatory response in normal cultures of murine dermal fibroblasts through the NF-κB and NRF2 pathways. Food Research International, 2020, 131, 108984.	6.2	25
10	Nanodomains in cardiopulmonary disorders and the impact of air pollution. Biochemical Society Transactions, 2020, 48, 799-811.	3.4	11
11	Eucalyptol promotes lung repair in mice following cigarette smoke-induced emphysema. Phytomedicine, 2019, 55, 70-79.	5.3	38
12	Function of cAMP scaffolds in obstructive lung disease: Focus on epithelialâ€ŧoâ€mesenchymal transition and oxidative stress. British Journal of Pharmacology, 2019, 176, 2402-2415.	5.4	18
13	Probiotic Prato cheese attenuates cigarette smoke-induced injuries in mice. Food Research International, 2019, 123, 697-703.	6.2	40
14	Mate tea reduces high fat diet-induced liver and metabolic disorders in mice. Biomedicine and Pharmacotherapy, 2019, 109, 1547-1555.	5.6	22
15	Acute Exposure to Diesel-Biodiesel Particulate Matter Promotes Murine Lung Oxidative Stress by Nrf2/HO-1 and Inflammation Through the NF-kB/TNF-α Pathways. Inflammation, 2019, 42, 526-537.	3.8	25
16	AT-RVD1 repairs mouse lung after cigarette smoke-induced emphysema via downregulation of oxidative stress by NRF2/KEAP1 pathway. International Immunopharmacology, 2018, 56, 330-338.	3.8	39
17	Oxidative imbalance in mice intoxicated by microcystin-LR can be minimized. Toxicon, 2018, 144, 75-82.	1.6	4
18	PTGS2 polymorphism rs689466 favors breast cancer recurrence in obese patients. Endocrine-Related Cancer, 2018, 25, 351-365.	3.1	4

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19	Atorvastatin dose-dependently promotes mouse lung repair after emphysema induced by elastase. Biomedicine and Pharmacotherapy, 2018, 102, 160-168.	5.6	11
20	Production of chlorzoxazone glucuronides via cytochrome P4502E1 dependent and independent pathways in human hepatocytes. Archives of Toxicology, 2018, 92, 3077-3091.	4.2	19
21	Atorvastatin and Simvastatin Promoted Mouse Lung Repair After Cigarette Smoke-Induced Emphysema. Inflammation, 2017, 40, 965-979.	3.8	23
22	Inflammatory and Oxidative Stress Markers in Experimental Allergic Asthma. Inflammation, 2017, 40, 1166-1176.	3.8	14
23	Pulmonary Emphysema Cross-Linking with Pulmonary Fibrosis and Vice Versa: a Non-usual Experimental Intervention with Elastase and Bleomycin. Inflammation, 2017, 40, 1487-1496.	3.8	2
24	Propolis reversed cigarette smoke-induced emphysema through macrophage alternative activation independent of Nrf2. Bioorganic and Medicinal Chemistry, 2017, 25, 5557-5568.	3.0	25
25	Pharmacological modulation of reactive oxygen species (ROS) improves the airway hyperresponsiveness by shifting the Th1 response in allergic inflammation induced by ovalbumin. Free Radical Research, 2017, 51, 708-722.	3.3	19
26	Time Course of the Phenotype of Blood and Bone Marrow Monocytes and Macrophages in the Lung after Cigarette Smoke Exposure In Vivo. International Journal of Molecular Sciences, 2017, 18, 1940.	4.1	19
27	High fat diet and high polyphenols beverages effects in enzymatic and non-enzymatic antioxidant activity. Nutricion Hospitalaria, 2017, 35, 169-175.	0.3	4
28	Physical exercise is effective in preventing cigarette smoke-induced pulmonary oxidative response in mice. International Journal of COPD, 2016, 11, 603.	2.3	21
29	2,2′-Azobis (2-Amidinopropane) Dihydrochloride Is a Useful Tool to Impair Lung Function in Rats. Frontiers in Physiology, 2016, 7, 475.	2.8	7
30	Eucalyptol attenuates cigarette smoke-induced acute lung inflammation and oxidative stress in the mouse. Pulmonary Pharmacology and Therapeutics, 2016, 41, 11-18.	2.6	61
31	Involvement of matrix metalloproteinases (MMPs) and inflammasome pathway in molecular mechanisms of fibrosis. Bioscience Reports, 2016, 36, .	2.4	143
32	Pulmonary and hepatic injury after sub-chronic exposure to sublethal doses of microcystin-LR. Toxicon, 2016, 112, 51-58.	1.6	16
33	Elastase modifies bleomycin-induced pulmonary fibrosis in mice. Acta Histochemica, 2016, 118, 203-212.	1.8	4
34	Roflumilast n-oxide associated with PGE2 prevents the neutrophil elastase-induced production of chemokines by epithelial cells. International Immunopharmacology, 2016, 30, 1-8.	3.8	7
35	Grape skin extract-derived polyphenols modify programming-induced renal endowment in prenatal protein-restricted male mouse offspring. European Journal of Nutrition, 2016, 55, 1455-1464.	3.9	10
36	Rats undernourished in utero have altered Ca ²⁺ signaling and reduced fertility in adulthood. Physiological Reports, 2015, 3, e12587.	1.7	8

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37	Effect of exercise training on liver antioxidant enzymes in STZ-diabetic rats. Life Sciences, 2015, 128, 64-71.	4.3	21
38	Roflumilast N-Oxide Prevents Cytokine Secretion Induced by Cigarette Smoke Combined with LPS through JAK/STAT and ERK1/2 Inhibition in Airway Epithelial Cells. PLoS ONE, 2014, 9, e85243.	2.5	29
39	Oxidative damage induced by cigarette smoke exposure in mice: impact on lung tissue and diaphragm muscle,. Jornal Brasileiro De Pneumologia, 2014, 40, 411-420.	0.7	19
40	The effect and safety of dressing composed by nylon threads covered with metallic silver in wound treatment. International Wound Journal, 2014, 11, 190-197.	2.9	6
41	Oxidative Stress and Inflammation Are Differentially Affected by Atorvastatin, Pravastatin, Rosuvastatin, and Simvastatin on Lungs from Mice Exposed to Cigarette Smoke. Inflammation, 2014, 37, 1355-1365.	3.8	32
42	Dualistic evolution of liver damage in mice triggered by a single sublethal exposure to Microcystin-LR. Toxicon, 2014, 83, 43-51.	1.6	14
43	Papain-induced experimental pulmonary emphysema in male and female mice. Respiratory Physiology and Neurobiology, 2014, 200, 90-96.	1.6	11
44	Respiratory toxicity of repeated exposure to particles produced by traffic and sugar cane burning. Respiratory Physiology and Neurobiology, 2014, 191, 106-113.	1.6	20
45	The influence of 5-lipoxygenase on cigarette smoke-induced emphysema in mice. Biochimica Et Biophysica Acta - General Subjects, 2014, 1840, 199-208.	2.4	10
46	Critical role for CCR2 and HMGB1 in induction of experimental endotoxic shock. Archives of Biochemistry and Biophysics, 2013, 537, 72-81.	3.0	9
47	Mate Tea. , 2013, , 161-170.		2
48	Saponins from the roots of Chiococca alba and their in vitro anti-inflammatory activity. Phytochemistry Letters, 2013, 6, 96-100.	1.2	8
49	Antioxidant action of propolis on mouse lungs exposed to short-term cigarette smoke. Bioorganic and Medicinal Chemistry, 2013, 21, 7570-7577.	3.0	28
50	Ready-to-drink Matte® tea (diet and regular) increased life span and pulmonary health in aged mice. Food Research International, 2013, 54, 675-682.	6.2	2
51	Redox markers and inflammation are differentially affected by atorvastatin, pravastatin or simvastatin administered before endotoxin-induced acute lung injury. International Immunopharmacology, 2013, 17, 57-64.	3.8	38
52	Effects of exercise on monocrotaline-induced changes in right heart function and pulmonary artery remodeling in rats. Canadian Journal of Physiology and Pharmacology, 2013, 91, 38-44.	1.4	51
53	Undernutrition Affects Cell Survival, Oxidative Stress, Ca2+ Handling and Signaling Pathways in Vas Deferens, Crippling Reproductive Capacity. PLoS ONE, 2013, 8, e69682.	2.5	19
54	Eugenol attenuates pulmonary damage induced by diesel exhaust particles. Journal of Applied Physiology, 2012, 112, 911-917.	2.5	33

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55	Redox Imbalance and Pulmonary Function in Bleomycin-Induced Fibrosis in C57BL/6, DBA/2, and BALB/c Mice. Toxicologic Pathology, 2012, 40, 731-741.	1.8	25
56	Euterpe oleracea Martderived polyphenols prevent endothelial dysfunction and vascular structural changes in renovascular hypertensive rats: role of oxidative stress. Naunyn-Schmiedeberg's Archives of Pharmacology, 2012, 385, 1199-1209.	3.0	68
57	Ready-to-drink matte® tea shows anti-inflammatory and antioxidant properties on a cigarette smoke exposure model. Food Research International, 2012, 48, 798-801.	6.2	6
58	Oxidative stress and nitrosative stress are involved in different stages of proteolytic pulmonary emphysema. Free Radical Biology and Medicine, 2012, 53, 1993-2001.	2.9	55
59	Oxidative damage in alveolar macrophages exposed to cigarette smoke extract and participation of nitric oxide in redox balance. Toxicology in Vitro, 2012, 26, 791-798.	2.4	18
60	Time-dependence of lung injury in mice acutely exposed to cylindrospermopsin. Toxicon, 2012, 60, 764-772.	1.6	19
61	Low intensity infrared laser effects on Escherichia coli cultures and plasmid DNA. Laser Physics, 2012, 22, 1635-1641.	1.2	17
62	Time course of inflammation, oxidative stress and tissue damage induced by hyperoxia in mouse lungs. International Journal of Experimental Pathology, 2012, 93, 269-278.	1.3	72
63	Effects of Euterpe oleracea Mart. (AÇAÃ) extract in acute lung inflammation induced by cigarette smoke in the mouse. Phytomedicine, 2012, 19, 262-269.	5.3	100
64	Low-level infrared laser effect on plasmid DNA. Lasers in Medical Science, 2012, 27, 121-130.	2.1	28
65	Low-intensity infrared laser increases plasma proteins and induces oxidative stress in vitro. Lasers in Medical Science, 2012, 27, 211-217.	2.1	20
66	Ventilação mecânica com baixo volume corrente e estresse oxidativo em pulmões saudáveis de camundongos. Jornal Brasileiro De Pneumologia, 2012, 38, 98-104.	0.7	12
67	Mate tea ameliorates emphysema in cigarette smoke-exposed mice. Experimental Lung Research, 2011, 37, 246-257.	1.2	20
68	LASSBio 596 per os avoids pulmonary and hepatic inflammation induced by microcystin-LR. Toxicon, 2011, 58, 195-201.	1.6	20
69	Addition of açaÃ-(Euterpe oleracea) to cigarettes has a protective effect against emphysema in mice. Food and Chemical Toxicology, 2011, 49, 855-863.	3.6	43
70	l-NAME and l-arginine differentially ameliorate cigarette smoke-induced emphysema in mice. Pulmonary Pharmacology and Therapeutics, 2011, 24, 587-594.	2.6	24
71	N-(2-mercaptopropionyl)-glycine but not Allopurinol prevented cigarette smoke-induced alveolar enlargement in mouse. Respiratory Physiology and Neurobiology, 2011, 175, 322-330.	1.6	11
72	Long-term exposure to cigarette smoke impairs lung function and increases HMGB-1 expression in mice. Respiratory Physiology and Neurobiology, 2011, 177, 120-126.	1.6	47

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73	Effects of oleanolic acid on pulmonary morphofunctional and biochemical variables in experimental acute lung injury. Respiratory Physiology and Neurobiology, 2011, 179, 129-136.	1.6	21
74	Low dose of fine particulate matter (PM2.5) can induce acute oxidative stress, inflammation and pulmonary impairment in healthy mice. Inhalation Toxicology, 2011, 23, 257-267.	1.6	213
75	Endotoxin-induced acute lung injury is dependent upon oxidative response. Inhalation Toxicology, 2011, 23, 918-926.	1.6	14
76	Grape skin extract reduced pulmonary oxidative response in mice exposed to cigarette smoke. Medical Science Monitor, 2011, 17, BR187-BR195.	1.1	16
77	Can LASSBio 596 and dexamethasone treat acute lung and liver inflammation induced by microcystin-LR?. Toxicon, 2010, 56, 604-612.	1.6	25
78	Organ-related cigarette smoke-induced oxidative stress is strain-dependent. Medical Science Monitor, 2010, 16, BR218-26.	1.1	29
79	ATLa, an Aspirin-Triggered Lipoxin A4 Synthetic Analog, Prevents the Inflammatory and Fibrotic Effects of Bleomycin-Induced Pulmonary Fibrosis. Journal of Immunology, 2009, 182, 5374-5381.	0.8	77
80	<i>Ccn2/Ctgf</i> Overexpression Induced by Cigarette Smoke during Cutaneous Wound Healing is Strain Dependent. Toxicologic Pathology, 2009, 37, 175-182.	1.8	8
81	HYPEROXIA-INDUCED LUNG INJURY IS DOSE DEPENDENT IN WISTAR RATS. Experimental Lung Research, 2009, 35, 713-728.	1.2	34
82	Antioxidant Treatment With Tempol and Apocynin Prevents Endothelial Dysfunction and Development of Renovascular Hypertension. American Journal of Hypertension, 2009, 22, 1242-1249.	2.0	53
83	Aspirin and indomethacin reduce lung inflammation of mice exposed to cigarette smoke. Biochemical Pharmacology, 2009, 77, 1029-1039.	4.4	23
84	Involvement of nitric oxide in acute lung inflammation induced by cigarette smoke in the mouse. Nitric Oxide - Biology and Chemistry, 2009, 20, 175-181.	2.7	38
85	The effects of physical exercise on the cigarette smoke-induced pulmonary oxidative response. Pulmonary Pharmacology and Therapeutics, 2009, 22, 567-573.	2.6	42
86	Supplementation with vitamins C and E improves mouse lung repair. Journal of Nutritional Biochemistry, 2008, 19, 604-611.	4.2	27
87	The selective MMPâ€12 inhibitor, AS111793 reduces airway inflammation in mice exposed to cigarette smoke. British Journal of Pharmacology, 2008, 154, 1206-1215.	5.4	79
88	Mate tea reduced acute lung inflammation in mice exposed to cigarette smoke. Nutrition, 2008, 24, 375-381.	2.4	77
89	Attenuation of bleomycin-induced lung injury and oxidative stress by N-acetylcysteine plus deferoxamine. Pulmonary Pharmacology and Therapeutics, 2008, 21, 309-316.	2.6	91
90	Oxidative stress in mouse plasma and lungs induced by cigarette smoke and lipopolysaccharide. Environmental Research, 2008, 108, 199-204.	7.5	75

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91	Estudo imunohistoquÃmico do remodelamento pulmonar em camundongos expostos à fumaça de cigarro. Jornal Brasileiro De Pneumologia, 2008, 34, 787-795.	0.7	31
92	Study of Sinoatrial Nodal Artery Dominance in Brazilian Human Hearts. International Journal of Morphology, 2008, 26, .	0.2	0
93	Effects of Oral Nicotine on Rat Liver Stereology. International Journal of Morphology, 2008, 26, .	0.2	12
94	Antihypertensive Effects and Antioxidant Action of a Hydro-Alcoholic Extract Obtained from Fruits of Euterpe oleracea Mart. (Acai). Journal of Pharmacology and Toxicology, 2008, 3, 435-448.	0.2	21
95	Effects of Cigarette Smoke in Mice Wound Healing is Strain Dependent. Toxicologic Pathology, 2007, 35, 890-896.	1.8	34
96	Light cigarette smoke-induced emphysema and NFκB activation in mouse lung. International Journal of Experimental Pathology, 2006, 87, 373-381.	1.3	47
97	α-Tocopherol and ascorbic acid supplementation reduced acute lung inflammatory response by cigarette smoke in mouse. Nutrition, 2006, 22, 1192-1201.	2.4	55
98	Sodium pertechnetate (Na99mTcO4) biodistribution in mice exposed to cigarette smoke. BMC Nuclear Medicine, 2005, 5, 1.	1.4	15
99	IMMUNOHISTOCHEMICAL STUDY OF TUMOR NECROSIS FACTOR-α, MATRIX METALLOPROTEINASE-12, AND TISSUE INHIBITOR OF METALLOPROTEINASE-2 ON ALVEOLAR MACROPHAGES OF BALB/c MICE EXPOSED TO SHORT-TERM CIGARETTE SMOKE. Experimental Lung Research, 2005, 31, 759-770.	1.2	27
100	Emphysema and Metalloelastase Expression in Mouse Lung Induced by Cigarette Smoke. Toxicologic Pathology, 2004, 32, 351-356.	1.8	80
101	Lung morphometry and MMP-12 expression in rats treated with intraperitoneal nicotine. Experimental and Toxicologic Pathology, 2004, 55, 393-400.	2.1	14
102	Inhibition of interleukin-1 ¹² reduces mouse lung inflammation induced by exposure to cigarette smoke. European Journal of Pharmacology, 2004, 498, 279-286.	3.5	79