

# Francisco Sales Ávila Cavalcante

## List of Publications by Year in descending order

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29  
papers

569  
citations

1307594

7  
h-index

642732

23  
g-index

30  
all docs

30  
docs citations

30  
times ranked

872  
citing authors

#	ARTICLE	IF	CITATIONS
1	Pulmonary impairment in type 2 diabetic rats and its improvement by exercise. <i>Acta Physiologica</i> , 2022, 234, e13708.	3.8	5
2	Eugenol mitigated acute lung but not spermatotoxicity of C60 fullerene emulsion in mice. <i>Environmental Pollution</i> , 2021, 269, 116188.	7.5	7
3	Anti-asthmatic effect of nitric oxide metallo-donor FOR811A [cis-[Ru(bpy) <sub>2</sub> (2-MIM)(NO)](PF <sub>6</sub> ) <sub>3</sub> ] in the respiratory mechanics of Swiss mice. <i>PLoS ONE</i> , 2021, 16, e0248394.	2.5	6
4	Effects of Anacardic Acid Monoene on the Respiratory System of Mice Submitted to Acute Respiratory Distress Syndrome. <i>Revista Brasileira De Farmacognosia</i> , 2021, 31, 232-238.	1.4	5
5	Exposure to total particulate matter obtained from combustion of diesel vehicles (EURO 3 and EURO 4) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T	4.0	4
6	Lung injury caused by exposure to the gaseous fraction of exhaust from biomass combustion (cashew) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.5	0
7	Eucalyptol reduces airway hyperresponsiveness in rats following cigarette smoke-exposure. <i>Pulmonary Pharmacology and Therapeutics</i> , 2020, 61, 101887.	2.6	4
8	Avaliação da poluição atmosférica na área do distrito industrial de Maracanaú (CE), Brasil. <i>Engenharia Sanitária E Ambiental</i> , 2020, 25, 521-530.	0.5	0
9	Effects of Eucalyptol in respiratory system mechanics on acute lung injury after exposure to short-term cigarette smoke. <i>Respiratory Physiology and Neurobiology</i> , 2019, 266, 33-38.	1.6	20
10	Essential oil of <i>Croton Zehntneri</i> attenuates lung injury in the OVA-induced asthma model. <i>Journal of Asthma</i> , 2019, 56, 1-10.	1.7	17
11	Road vehicle emission inventory of a Brazilian metropolitan area and insights for other emerging economies. <i>Transportation Research, Part D: Transport and Environment</i> , 2018, 58, 172-185.	6.8	29
12	Beneficial Effects of Eucalyptol in the Pathophysiological Changes of the Respiratory System: A Proposal for Alternative Pharmacological Therapy for Individuals with COPD. <i>European Journal of Medicinal Plants</i> , 2018, 25, 1-10.	0.5	5
13	Changes in rat respiratory system produced by exposure to exhaust gases of combustion of glycerol. <i>Respiratory Physiology and Neurobiology</i> , 2017, 242, 80-85.	1.6	7
14	Changes of respiratory system in mice exposed to PM <sub>4.0</sub> or TSP from exhaust gases of combustion of cashew nut shell. <i>Environmental Toxicology and Pharmacology</i> , 2017, 56, 1-9.	4.0	6
15	Pulmonary mechanic and lung histology induced by <i>Crotalus durissus cascavella</i> snake venom. <i>Toxicon</i> , 2017, 137, 144-149.	1.6	8
16	Analysis of emission models integrated with traffic models for freight transportation study in urban areas. <i>International Journal of Environmental Technology and Management</i> , 2017, 20, 60.	0.2	3
17	Análise da função pulmonar e estrutura micromecânica após 14 dias de restrição de movimento em ratas. <i>Fisioterapia E Pesquisa</i> , 2017, 24, 205-210.	0.1	0
18	Respiratory System of Rats Exposed to Pollutants arising out of Heating Residual Glycerol. <i>Journal of Fundamentals of Renewable Energy and Applications</i> , 2017, 07, .	0.2	2

#	ARTICLE	IF	CITATIONS
19	Analysis of emission models integrated with traffic models for freight transportation study in urban areas. International Journal of Environmental Technology and Management, 2017, 20, 60.	0.2	1
20	Comparative analysis of lung function of rats using a new intubation technique and tracheostomy. Brazilian Journal of Veterinary Research and Animal Science, 2016, 53, 1.	0.2	1
21	CÃLULAS SOLARES SENSIBILIZADAS COM CORANTES NATURAIS EXTRAÃDO DAS PLANTAS NERIUM OLEANDER E PORTULACA GRANDIFLORA. CiÃncia E Natura, 2016, 38, 1191.	0.0	0
22	AvaliaÃo das emissÃes de escapamento veicular em condiÃes especÃficas do motor: partida e marcha-lenta. Transportes, 2015, 23, 35.	0.2	5
23	Procedimento para coleta dinÃ¢mica embarcada de emissÃes provenientes de veÃculos transportadores de carga em Ã¡rea urbana. Transportes, 2015, 23, 18.	0.2	1
24	Consequences of immobilization and disuse: a short review. International Journal of Basic and Applied Sciences, 2013, 2, .	0.2	2
25	Effects of 1,8-Ãineole on electrophysiological parameters of neurons of the rat superior cervical ganglion. Clinical and Experimental Pharmacology and Physiology, 2009, 36, 1068-1073.	1.9	23
26	Mechanical interactions between collagen and proteoglycans: implications for the stability of lung tissue. Journal of Applied Physiology, 2005, 98, 672-679.	2.5	221
27	Hysteresivity of the lung and tissue strip in the normal rat: effects of heterogeneities. Journal of Applied Physiology, 2001, 91, 737-747.	2.5	50
28	Effects of collagenase and elastase on the mechanical properties of lung tissue strips. Journal of Applied Physiology, 2000, 89, 3-14.	2.5	134
29	AvaliaÃo de poluentes do ar em Ã¡reas de recreaÃo urbana da cidade de Fortaleza. Urbe, 0, 11, .	0.3	3