

# Luiz Fernando Silva

## List of Publications by Year in descending order

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123  
papers

4,335  
citations

147801

31  
h-index

123424

61  
g-index

125  
all docs

125  
docs citations

125  
times ranked

7546  
citing authors

#	ARTICLE	IF	CITATIONS
1	Lung Pathology in Fatal Novel Human Influenza A (H1N1) Infection. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 72-79.	5.6	478
2	Pathological evidence of pulmonary thrombotic phenomena in severe COVID-19. Journal of Thrombosis and Haemostasis, 2020, 18, 1517-1519.	3.8	461
3	Pulmonary and systemic involvement in COVID-19 patients assessed with ultrasound-guided minimally invasive autopsy. Histopathology, 2020, 77, 186-197.	2.9	264
4	Abnormal Alveolar Attachments with Decreased Elastic Fiber Content in Distal Lung in Fatal Asthma. American Journal of Respiratory and Critical Care Medicine, 2004, 170, 857-862.	5.6	199
5	SARS-CoV-2 in cardiac tissue of a child with COVID-19-related multisystem inflammatory syndrome. The Lancet Child and Adolescent Health, 2020, 4, 790-794.	5.6	192
6	Extracellular matrix components and regulators in the airway smooth muscle in asthma. European Respiratory Journal, 2008, 32, 61-69.	6.7	185
7	Extracellular matrix composition in COPD. European Respiratory Journal, 2012, 40, 1362-1373.	6.7	110
8	The outer wall of small airways is a major site of remodeling in fatal asthma. Journal of Allergy and Clinical Immunology, 2009, 123, 1090-1097.e1.	2.9	107
9	Deeply infiltrating endometriosis affecting the rectum and lymph nodes. Fertility and Sterility, 2006, 86, 543-547.	1.0	89
10	Lung Parenchyma Remodeling in a Murine Model of Chronic Allergic Inflammation. American Journal of Respiratory and Critical Care Medicine, 2005, 171, 829-837.	5.6	88
11	An autopsy study of the spectrum of severe COVID-19 in children: From SARS to different phenotypes of MIS-C. EClinicalMedicine, 2021, 35, 100850.	7.1	83
12	Airway proteoglycans are differentially altered in fatal asthma. Journal of Pathology, 2005, 207, 102-110.	4.5	82
13	Endometriosis Lesions That Compromise the Rectum Deeper Than the Inner Muscularis Layer Have More Than 40% of the Circumference of the Rectum Affected by the Disease. Journal of Minimally Invasive Gynecology, 2008, 15, 280-285.	0.6	79
14	Air pollution and antibodies against modified lipoproteins are associated with atherosclerosis and vascular remodeling in hyperlipemic mice. Atherosclerosis, 2009, 207, 368-373.	0.8	70
15	Early and late pulmonary effects of nebulized LPS in mice: An acute lung injury model. PLoS ONE, 2017, 12, e0185474.	2.5	69
16	Periodontal tissues are targets for Sars-Cov-2: a post-mortem study. Journal of Oral Microbiology, 2021, 13, 1848135.	2.7	65
17	Salivary glands are a target for SARS-CoV-2: a source for saliva contamination. Journal of Pathology, 2021, 254, 239-243.	4.5	64
18	Small airway remodeling in acute respiratory distress syndrome: a study in autopsy lung tissue. Critical Care, 2011, 15, R4.	5.8	57

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19	Protective effects of aerobic exercise on acute lung injury induced by LPS in mice. <i>Critical Care</i> , 2012, 16, R199.	5.8	56
20	Impaired lung function in individuals chronically exposed to biomass combustion. <i>Environmental Research</i> , 2012, 112, 111-117.	7.5	55
21	Tracking the time course of pathological patterns of lung injury in severe COVID-19. <i>Respiratory Research</i> , 2021, 22, 32.	3.6	54
22	Toll-like receptors 2, 3 and 4 and thymic stromal lymphopoietin expression in fatal asthma. <i>Clinical and Experimental Allergy</i> , 2012, 42, 1459-1471.	2.9	45
23	Regression of glomerular injury by losartan in experimental diabetic nephropathy. <i>Kidney International</i> , 2009, 75, 72-79.	5.2	44
24	The Extracellular Matrix of the Lateral Pharyngeal Wall in Obstructive Sleep Apnea. <i>Sleep</i> , 2012, 35, 483-490.	1.1	44
25	A Postmortem Portrait of the Coronavirus Disease 2019 (COVID-19) Pandemic: A Large Multi-institutional Autopsy Survey Study. <i>Archives of Pathology and Laboratory Medicine</i> , 2021, 145, 529-535.	2.5	43
26	Actinic lesions in fishermen's lower lip: clinical, cytopathological and histopathologic analysis. <i>Clinics</i> , 2010, 65, 363-367.	1.5	41
27	Expression of acute-phase cytokines, surfactant proteins, and epithelial apoptosis in small airways of human acute respiratory distress syndrome. <i>Journal of Critical Care</i> , 2013, 28, 111.e9-111.e15.	2.2	38
28	Performance of post-mortem CT compared to autopsy in children. <i>International Journal of Legal Medicine</i> , 2016, 130, 1089-1099.	2.2	37
29	Ultrasound-guided minimally invasive autopsy as a tool for rapid post-mortem diagnosis in the 2018 Sao Paulo yellow fever epidemic: Correlation with conventional autopsy. <i>PLoS Neglected Tropical Diseases</i> , 2019, 13, e0007625.	3.0	37
30	The effects of particulate matter on inflammation of respiratory system: Differences between male and female. <i>Science of the Total Environment</i> , 2017, 586, 284-295.	8.0	35
31	Severe novel influenza A (H1N1) infection in cancer patients. <i>Annals of Oncology</i> , 2010, 21, 2333-2341.	1.2	34
32	Pulmonary periarterial inflammation in fatal asthma. <i>Clinical and Experimental Allergy</i> , 2009, 39, 1499-1507.	2.9	30
33	COVID-19-associated cardiac pathology at the postmortem evaluation: a collaborative systematic review. <i>Clinical Microbiology and Infection</i> , 2022, 28, 1066-1075.	6.0	30
34	Immune receptors and adhesion molecules in human pulmonary leptospirosis. <i>Human Pathology</i> , 2012, 43, 1601-1610.	2.0	29
35	Avaliação antropométrica e consumo alimentar em crianças menores de cinco anos residentes em um município da região do semi-árido nordestino com cobertura parcial do programa bolsa família. <i>Revista De Nutricao</i> , 2010, 23, 221-229.	0.4	28
36	Anacardic Acids from Cashew Nuts Ameliorate Lung Damage Induced by Exposure to Diesel Exhaust Particles in Mice. <i>Evidence-based Complementary and Alternative Medicine</i> , 2013, 2013, 1-13.	1.2	27

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37	Human Hemorrhagic Pulmonary Leptospirosis: Pathological Findings and Pathophysiological Correlations. PLoS ONE, 2013, 8, e71743.	2.5	27
38	B Lymphocytes and Macrophages in the Perivascular Adipose Tissue Are Associated With Coronary Atherosclerosis: An Autopsy Study. Journal of the American Heart Association, 2019, 8, e013793.	3.7	27
39	Small Airway Remodeling in Idiopathic Interstitial Pneumonias: A Pathological Study. Respiration, 2010, 79, 322-332.	2.6	25
40	Ultrasound assessment of pulmonary fibroproliferative changes in severe COVID-19: a quantitative correlation study with histopathological findings. Intensive Care Medicine, 2021, 47, 199-207.	8.2	25
41	Diesel exhaust particulates affect cell signaling, mucin profiles, and apoptosis in trachea explants of Balb/C mice. Environmental Toxicology, 2015, 30, 1297-1308.	4.0	23
42	Seroprevalence of hepatitis B virus and hepatitis C virus in Monte Negro in the Brazilian western Amazon region. Clinics, 2005, 60, 29-36.	1.5	22
43	Ultrasound-guided minimally invasive autopsies: A protocol for the study of pulmonary and systemic involvement of COVID-19. Clinics, 2020, 75, e1972.	1.5	22
44	The time course of vasoconstriction and endothelin receptor A expression in pulmonary arterioles of mice continuously exposed to ambient urban levels of air pollution. Environmental Research, 2010, 110, 237-243.	7.5	21
45	Chronic exposure of diesel exhaust particles induces alveolar enlargement in mice. Respiratory Research, 2015, 16, 18.	3.6	21
46	Effects of Chronic Exposure to Air Pollution from Sao Paulo City on Coronary of Swiss Mice, from Birth to Adulthood. Toxicologic Pathology, 2009, 37, 306-314.	1.8	20
47	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
48	Histological and ultrasonographical correlation of pulmonary involvement in severe COVID-19. Intensive Care Medicine, 2020, 46, 1766-1768.	8.2	20
49	Seven-Membered Rings through Metal-Free Rearrangement Mediated by Hypervalent Iodine. Molecules, 2015, 20, 1475-1494.	3.8	19
50	High affinity immunoglobulin E receptor expression is increased in large and small airways in fatal asthma. Clinical and Experimental Allergy, 2010, 40, 1473-1481.	2.9	18
51	Malignancy rates for Bethesda III subcategories in thyroid fine needle aspiration biopsy (FNAB). Clinics, 2018, 73, e370.	1.5	18
52	Cirrose hepática: aspectos morfológicos relacionados às suas possíveis complicações. Um estudo centrado em necropsias. Jornal Brasileiro De Patologia E Medicina Laboratorial, 2005, 41, 29.	0.3	17
53	Loss of melanocytes in hypopigmented mycosis fungoides: a study of 18 patients. Journal of Cutaneous Pathology, 2014, 41, 101-107.	1.3	17
54	Bronchopulmonary lymph nodes and large airway cell trafficking in patients with fatal asthma. Journal of Allergy and Clinical Immunology, 2015, 135, 1352-1357.e9.	2.9	17

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55	Characterization of autopsy-proven fatal asthma patients in São Paulo, Brazil. <i>Revista Panamericana De Salud Publica/Pan American Journal of Public Health</i> , 2008, 23, 418-23.	1.1	17
56	Postmortem brain 7T MRI with minimally invasive pathological correlation in deceased COVID-19 subjects. <i>Insights Into Imaging</i> , 2022, 13, 7.	3.4	17
57	Increased expression of granzymes A and B in fatal asthma. <i>European Respiratory Journal</i> , 2015, 45, 1485-1488.	6.7	16
58	Changes over time in the prevalence of asthma, rhinitis and atopic eczema in adolescents from Taubaté, São Paulo, Brazil (2005-2012): Relationship with living near a heavily travelled highway. <i>Allergologia Et Immunopathologia</i> , 2016, 44, 439-444.	1.7	16
59	The effects of urban particulate matter on the nasal epithelium by gender: An experimental study in mice. <i>Environmental Pollution</i> , 2016, 213, 359-369.	7.5	16
60	Inflammation and remodeling in infantile, juvenile, and adult allergic sensitized mice. <i>Pediatric Pulmonology</i> , 2011, 46, 650-665.	2.0	15
61	Airway Dimensions in Fatal Asthma and Fatal COPD: Overlap in Older Patients. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2013, 10, 348-356.	1.6	15
62	Effectiveness of the 40-Minute Handmade Manikin Program to Teach Hands-on Cardiopulmonary Resuscitation at School Communities. <i>American Journal of Cardiology</i> , 2021, 139, 126-130.	1.6	15
63	Effects of selective bile duct ligation on liver parenchyma in young animals: histologic and molecular evaluations. <i>Journal of Pediatric Surgery</i> , 2012, 47, 513-522.	1.6	14
64	Immunohistological features related to functional impairment in lymphangioleiomyomatosis. <i>Respiratory Research</i> , 2018, 19, 83.	3.6	14
65	SARS-CoV-2 pneumonia-”receptor binding and lung immunopathology: a narrative review. <i>Critical Care</i> , 2021, 25, 53.	5.8	14
66	Collagen Fiber and Versican Distribution Within the Lamina Propria of Fetal Vocal Folds. <i>Laryngoscope</i> , 2008, 118, 371-374.	2.0	13
67	Collagen Type I, Collagen Type III, and Versican in Vocal Fold Lamina Propria. <i>JAMA Otolaryngology</i> , 2011, 137, 604.	1.2	13
68	Depletion of Langerhans cells in the tongue from patients with advanced-stage acquired immune deficiency syndrome: relation to opportunistic infections. <i>Histopathology</i> , 2012, 60, 497-503.	2.9	13
69	Macrophage Polarization in the Perivascular Fat Was Associated With Coronary Atherosclerosis. <i>Journal of the American Heart Association</i> , 2022, 11, e023274.	3.7	13
70	Stress amplifies lung tissue mechanics, inflammation and oxidative stress induced by chronic inflammation. <i>Experimental Lung Research</i> , 2012, 38, 344-354.	1.2	11
71	Immune cell profile in infants’ lung tissue. <i>Annals of Anatomy</i> , 2013, 195, 596-604.	1.9	11
72	Differences between postmortem computed tomography and conventional autopsy in a stabbing murder case. <i>Clinics</i> , 2014, 69, 683-687.	1.5	11

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73	Sex-related differences in lung inflammation after brain death. <i>Journal of Surgical Research</i> , 2016, 200, 714-721.	1.6	11
74	Increased expression of <i>in situ</i> IL-31RA and circulating CXCL8 and CCL2 in pemphigus herpetiformis suggests participation of the IL-31 family in the pathogenesis of the disease. <i>Journal of the European Academy of Dermatology and Venereology</i> , 2020, 34, 2890-2897.	2.4	11
75	Immediate expression of c-fos and c-jun mRNA in a model of intestinal autotransplantation and ischemia-reperfusion in situ. <i>Clinics</i> , 2015, 70, 373-379.	1.5	11
76	Effects of the administration of pentoxifylline and prednisolone on the evolution of portal fibrogenesis secondary to biliary obstruction – an experimental study in growing animals. <i>Journal of Pediatric Surgery</i> , 2009, 44, 2071-2077.	1.6	10
77	Intrathecal injection of human umbilical cord blood stem cells attenuates spinal cord ischaemic compromise in rats. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2014, 18, 757-762.	1.1	10
78	Rearrangement of Homoallylic Alcohols with Thallium(III): Diastereoselective Synthesis of Indans Bearing a $\beta$ -Hydroxy Ketone Moiety. <i>Synthesis</i> , 2007, 2007, 355-362.	2.3	9
79	The role of interleukin-6, endothelins, and apoptotic genes in small bowel transplantation, in a swine model of ischemia and reperfusion injury. <i>Pediatric Transplantation</i> , 2011, 15, 617-627.	1.0	9
80	Organic and Inorganic Fractions of Diesel Exhaust Particles Produce Changes in Mucin Profile of Mouse Trachea Explants. <i>Journal of Toxicology and Environmental Health - Part A: Current Issues</i> , 2015, 78, 215-225.	2.3	9
81	Sex differences on solid organ histological characteristics after brain death. <i>Acta Cirurgica Brasileira</i> , 2016, 31, 278-285.	0.7	9
82	Air pollution impairs recovery and tissue remodeling in a murine model of acute lung injury. <i>Scientific Reports</i> , 2020, 10, 15314.	3.3	9
83	Thallium(III)-Mediated Ring Contraction of cis-Octalins: An Approach for the Diastereoselective Construction of the nor-Baccane Skeleton. <i>Synthesis</i> , 2006, 2006, 2748-2752.	2.3	8
84	Clinico-pathological discrepancies in the diagnoses of solid malignancies. <i>Pathology Research and Practice</i> , 2008, 204, 867-873.	2.3	8
85	Experimental Study of Rupture Pressure and Elasticity of Abdominal Aortic Aneurysms Found at Autopsy. <i>Annals of Vascular Surgery</i> , 2021, 70, 517-527.	0.9	8
86	Perivascular Adipose Tissue Inflammation and Coronary Artery Disease: An Autopsy Study Protocol. <i>JMIR Research Protocols</i> , 2016, 5, e211.	1.0	8
87	Ultrasound-Guided Minimally Invasive Tissue Sampling: A Minimally Invasive Autopsy Strategy During the COVID-19 Pandemic in Brazil, 2020. <i>Clinical Infectious Diseases</i> , 2021, 73, S442-S453.	5.8	8
88	Short-term specialized enteral diet fails to attenuate malnutrition impairment of experimental open wound acute healing. <i>Nutrition</i> , 2010, 26, 873-879.	2.4	7
89	Fatal acute respiratory distress syndrome in a patient with paracoccidioidomycosis: first case report. <i>Medical Mycology</i> , 2010, 48, 542-545.	0.7	7
90	Effect of Fibrin Glue on Collagen Deposition after Autologous Fascia Grafting in Rabbit Vocal Folds. <i>Annals of Otolaryngology, Rhinology and Laryngology</i> , 2011, 120, 663-668.	1.1	7

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91	PLUNC protein expression in major salivary glands of HIV-infected patients. <i>Oral Diseases</i> , 2011, 17, 258-264.	3.0	7
92	Effects of the administration of pentoxifylline and prednisolone on the evolution of portal fibrogenesis secondary to biliary obstruction in growing animals: immunohistochemical analysis of the expression of TGF- $\beta^2$ and VEGF. <i>Clinics</i> , 2012, 67, 1455-1461.	1.5	7
93	aPDT for oral decontamination of hospitalized patients with COVID 19. <i>Photodiagnosis and Photodynamic Therapy</i> , 2022, 38, 102762.	2.6	7
94	Effect of volume replacement during combined experimental hemorrhagic shock and traumatic brain injury in prostanoids, brain pathology and pupil status. <i>Arquivos De Neuro-Psiquiatria</i> , 2015, 73, 499-505.	0.8	6
95	Estimation of post mortem interval by tomographic images of intra-cardiac hypostasis. <i>Journal of Clinical Forensic and Legal Medicine</i> , 2016, 38, 111-115.	1.0	6
96	Influence of brain death and associated trauma on solid organ histological characteristics. <i>Acta Cirurgica Brasileira</i> , 2012, 27, 465-470.	0.7	6
97	Expression of secretory leukocyte proteinase inhibitor in the submandibular glands of AIDS patients. <i>Oral Diseases</i> , 2007, 14, 070508213341003-???	3.0	5
98	Effects of Hepatocyte Growth Factor Injection and Reinjection on Healing in the Rabbit Vocal Fold. <i>Journal of Voice</i> , 2012, 26, 667.e7-667.e12.	1.5	5
99	Clinical Indicators of Child Development in the Capitals of Nine Brazilian States: The Influence of Regional Cultural Factors. <i>Clinics</i> , 2008, 63, 51-58.	1.5	4
100	Periprostatic innervation: New issues based on segmental analysis of 10 human cadaver pelvic blocs. <i>Prostate</i> , 2017, 77, 1151-1159.	2.3	4
101	Association of Lung Inflammatory Cells with Small Airways Function and Exhaled Breath Markers in Smokers – Is There a Specific Role for Mast Cells?. <i>PLoS ONE</i> , 2015, 10, e0129426.	2.5	4
102	Postmortem Chest Computed Tomography in Fatal COVID-19: A Valuable Diagnostic Tool for Minimally Invasive Autopsy. <i>Clinics</i> , 2021, 76, e3551.	1.5	4
103	Air pollution and its relationship to lung function among adolescents from Taubate, São Paulo, Brazil. <i>Allergologia Et Immunopathologia</i> , 2018, 46, 160-166.	1.7	3
104	Structural alterations and markers of endothelial activation in pulmonary and bronchial arteries in fatal asthma. <i>Allergy, Asthma and Clinical Immunology</i> , 2019, 15, 50.	2.0	3
105	Medical students with performance difficulties need wide support: Initial results of an academic tutoring program. <i>Clinics</i> , 2021, 76, e2495.	1.5	3
106	Incidental thyroid carcinoma: Correlation between FNAB cytology and pathological examination in 1093 cases. <i>Clinics</i> , 2022, 77, 100022.	1.5	3
107	Microvascular Lymphatic Density Analysis in Cutaneous Regressive and Nonregressive Superficial Spreading Melanomas Using the Lymphatic Marker D2-40. <i>American Journal of Dermatopathology</i> , 2011, 33, 669-674.	0.6	2
108	Effect of hypertonic saline in the pretreatment of lung donors with hemorrhagic shock. <i>Journal of Surgical Research</i> , 2018, 225, 181-188.	1.6	2

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109	Biomechanical Properties of the Periaortic Abdominal Tissue: It is Not as Fragile as It Seems.. <i>Annals of Vascular Surgery</i> , 2021, 72, 571-577.	0.9	2
110	Simultaneous occurrence of pulmonary tuberculosis and carcinomatous lymphangitis. <i>Revista Da Sociedade Brasileira De Medicina Tropical</i> , 2007, 40, 76-77.	0.9	2
111	Validation of physician certified verbal autopsy using conventional autopsy: a large study of adult non-external causes of death in a metropolitan area in Brazil. <i>BMC Public Health</i> , 2022, 22, 748.	2.9	2
112	Bacteria: The Silent Killer During Flu Pandemics?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010, 181, 874-875.	5.6	1
113	Extracellular Matrix Composition of the Cricopharyngeus Muscle. <i>Dysphagia</i> , 2012, 27, 277-283.	1.8	1
114	Evidence of bone marrow downregulation in brain-dead rats. <i>International Journal of Experimental Pathology</i> , 2017, 98, 158-165.	1.3	1
115	Death trends based on autopsy data compared to the beginning of the coronavirus pandemic in Brazil. <i>Brazilian Journal of Medical and Biological Research</i> , 2021, 54, e10766.	1.5	1
116	Medical education at the University of São Paulo Medical School. <i>Clinics</i> , 2015, 70, 229-230.	1.5	1
117	Extended minimally invasive autopsy: Technical improvements for the investigation of cardiopulmonary events in COVID-19. <i>Clinics</i> , 2021, 76, e3543.	1.5	1
118	LPS Response Is Impaired by Urban Fine Particulate Matter. <i>International Journal of Molecular Sciences</i> , 2022, 23, 3913.	4.1	1
119	Necrotizing Bronchiolitis in Influenza A of Swine Origin (H1N1). <i>American Journal of Respiratory and Critical Care Medicine</i> , 2011, 184, 1086-1086.	5.6	0
120	Comment on "Humidification with High-Flow Nasal Cannula and Airway Epithelial Cells: Caution, Still Learning from an Extremely Complex Environment". <i>Pulmonary Medicine</i> , 2012, 2012, 1-2.	1.9	0
121	Group for Research In Pathology Education (GRIFE) 2019 Annual Winter Meeting"Making Pathology Relevant for Millennials. <i>Medical Science Educator</i> , 2019, 29, 877-880.	1.5	0
122	Biomechanical and histological data from abdominal aortas harvested in autopsy. <i>Data in Brief</i> , 2021, 35, 106953.	1.0	0
123	RAGE expression in lung tissue of ARDS and septic patients. , 2020, , .		0