Marisa Dolhnikoff

List of Publications by Year in descending order

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66343 58581 7,757 138 42 82 citations h-index g-index papers 140 140 140 10893 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	SARS-CoV-2–triggered neutrophil extracellular traps mediate COVID-19 pathology. Journal of Experimental Medicine, 2020, 217, .	8.5	675
2	Set Positive End-expiratory Pressure during Protective Ventilation Affects Lung Injury. Anesthesiology, 2002, 97, 682-692.	2.5	627
3	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
4	Pathological evidence of pulmonary thrombotic phenomena in severe COVIDâ€19. Journal of Thrombosis and Haemostasis, 2020, 18, 1517-1519.	3.8	461
5	Pulmonary and systemic involvement in COVIDâ€19 patients assessed with ultrasoundâ€guided minimally invasive autopsy. Histopathology, 2020, 77, 186-197.	2.9	264
6	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
7	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
8	Extracellular matrix components and regulators in the airway smooth muscle in asthma. European Respiratory Journal, 2008, 32, 61-69.	6.7	185
9	Particulate Urban Air Pollution Affects the Functional Morphology of Mouse Placenta 1. Biology of Reproduction, 2008, 79, 578-584.	2.7	183
10	Aerobic Exercise Decreases Chronic Allergic Lung Inflammation and Airway Remodeling in Mice. American Journal of Respiratory and Critical Care Medicine, 2007, 176, 871-877.	5.6	148
11	Airway smooth muscle thickness in asthma is related to severity but not duration of asthma. European Respiratory Journal, 2009, 34, 1040-1045.	6.7	144
12	Repetitive high-pressure recruitment maneuvers required to maximally recruit lung in a sheep model of acute respiratory distress syndrome. Critical Care Medicine, 2001, 29, 1579-1586.	0.9	114
13	Inflammatory cell mapping of the respiratory tract in fatal asthma. Clinical and Experimental Allergy, 2005, 35, 602-611.	2.9	112
14	Extracellular matrix composition in COPD. European Respiratory Journal, 2012, 40, 1362-1373.	6.7	110
15	Pathology and pathophysiology of pulmonary manifestations in leptospirosis. Brazilian Journal of Infectious Diseases, 2007, 11, 142-148.	0.6	107
16	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
17	Chronic exposure to fine particulate matter emitted by traffic affects reproductive and fetal outcomes in mice. Environmental Research, 2009, 109, 536-543.	7.5	106
18	Elastosis and Fragmentation of Fibers of the Elastic System in Fatal Asthma. American Journal of Respiratory and Critical Care Medicine, 1999, 160, 968-975.	5.6	104

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19	Extracellular Matrix and Oscillatory Mechanics of Rat Lung Parenchyma in Bleomycin-induced Fibrosis. American Journal of Respiratory and Critical Care Medicine, 1999, 160, 1750-1757.	5.6	97
20	Decreased fertility in mice exposed to environmental air pollution in the city of Sao Paulo. Environmental Research, 2005, 98, 196-202.	7.5	97
21	Histology of childhood bronchiolitis obliterans*. Pediatric Pulmonology, 2002, 33, 466-474.	2.0	91
22	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
23	Airway proteoglycans are differentially altered in fatal asthma. Journal of Pathology, 2005, 207, 102-110.	4.5	82
24	Pathologic similarities and differences between asthma and chronic obstructive pulmonary disease. Current Opinion in Pulmonary Medicine, 2008, 14, 31-38.	2.6	81
25	Expression of Lumican in Human Lungs. American Journal of Respiratory Cell and Molecular Biology, 1998, 19, 582-587.	2.9	69
26	Early and late pulmonary effects of nebulized LPS in mice: An acute lung injury model. PLoS ONE, 2017, 12, e0185474.	2.5	69
27	Anti-inflammatory Effects of Aerobic Exercise in Mice Exposed to Air Pollution. Medicine and Science in Sports and Exercise, 2012, 44, 1227-1234.	0.4	66
28	Aerobic conditioning and allergic pulmonary inflammation in mice. II. Effects on lung vascular and parenchymal inflammation and remodeling. American Journal of Physiology - Lung Cellular and Molecular Physiology, 2008, 295, L670-L679.	2.9	65
29	Periodontal tissues are targets for Sars-Cov-2: a post-mortem study. Journal of Oral Microbiology, 2021, 13, 1848135.	2.7	65
30	Salivary glands are a target for SARSâ€CoVâ€2: a source for saliva contamination. Journal of Pathology, 2021, 254, 239-243.	4.5	64
31	Acute Cardiopulmonary Alterations Induced by Fine Particulate Matter of São Paulo, Brazil. Toxicological Sciences, 2005, 85, 898-905.	3.1	62
32	Recreational use of marijuana during pregnancy and negative gestational and fetal outcomes: An experimental study in mice. Toxicology, 2017, 376, 94-101.	4.2	60
33	Comparison of early and late responses to antigen of sensitized guinea pig parenchymal lung strips. Journal of Applied Physiology, 2006, 100, 1610-1616.	2.5	57
34	Small airway remodeling in acute respiratory distress syndrome: a study in autopsy lung tissue. Critical Care, 2011, 15, R4.	5.8	57
35	Clinical characteristics and possible phenotypes of an adult severe asthma population. Respiratory Medicine, 2012, 106, 47-56.	2.9	57
36	Protective effects of aerobic exercise on acute lung injury induced by LPS in mice. Critical Care, 2012, 16, R199.	5.8	56

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37	Human Lung Parenchyma Responds to Contractile Stimulation. American Journal of Respiratory and Critical Care Medicine, 1998, 158, 1607-1612.	5.6	54
38	Airway epithelium mediates the anti-inflammatory effects of exercise on asthma. Respiratory Physiology and Neurobiology, 2011, 175, 383-389.	1.6	54
39	Tracking the time course of pathological patterns of lung injury in severe COVID-19. Respiratory Research, 2021, 22, 32.	3.6	54
40	Expression of the anaphylatoxin receptors C3aR and C5aR is increased in fatal asthma. Journal of Allergy and Clinical Immunology, 2005, 115, 1148-1154.	2.9	53
41	Creatine Supplementation Exacerbates Allergic Lung Inflammation and Airway Remodeling in Mice. American Journal of Respiratory Cell and Molecular Biology, 2007, 37, 660-667.	2.9	52
42	Leptospiral pneumonias. Current Opinion in Pulmonary Medicine, 2007, 13, 230-235.	2.6	52
43	Air Pollution and Effects on Reproductive-System Functions Globally with Particular Emphasis on the Brazilian Population. Journal of Toxicology and Environmental Health - Part B: Critical Reviews, 2010, 13, 1-15.	6.5	51
44	Testicular pathology in fatal COVIDâ€19: A descriptive autopsy study. Andrology, 2022, 10, 13-23.	3 . 5	48
45	Origin of the São Paulo Yellow Fever epidemic of 2017–2018 revealed through molecular epidemiological analysis of fatal cases. Scientific Reports, 2019, 9, 20418.	3 . 3	46
46	Tollâ€like receptors 2, 3 and 4 and thymic stromal lymphopoietin expression in fatal asthma. Clinical and Experimental Allergy, 2012, 42, 1459-1471.	2.9	45
47	Intrauterine exposure to diesel exhaust diminishes adult ovarian reserve. Fertility and Sterility, 2013, 99, 1681-1688.e2.	1.0	45
48	Effects of São Paulo air pollution on the upper airways of mice. Environmental Research, 2006, 101, 356-361.	7.5	43
49	A Postmortem Portrait of the Coronavirus Disease 2019 (COVID-19) Pandemic: A Large Multi-institutional Autopsy Survey Study. Archives of Pathology and Laboratory Medicine, 2021, 145, 529-535.	2.5	43
50	Respiratory mechanics and lung morphometry in severe pancreatitis-associated acute lung injury in rats. Critical Care Medicine, 1995, 23, 1882-1889.	0.9	41
51	Low-Intensity Swimming Training Partially Inhibits Lipopolysaccharide-Induced Acute Lung Injury. Medicine and Science in Sports and Exercise, 2010, 42, 113-119.	0.4	39
52	Dose-Dependent Hepatic Response to Subchronic Administration of Nandrolone Decanoate. Medicine and Science in Sports and Exercise, 2008, 40, 842-847.	0.4	38
53	Expression of acute-phase cytokines, surfactant proteins, and epithelial apoptosis in small airways of human acute respiratory distress syndrome. Journal of Critical Care, 2013, 28, 111.e9-111.e15.	2.2	38
54	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. PLoS Neglected Tropical Diseases, 2019, 13, e0007625.	3.0	37

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55	Severe novel influenza A (H1N1) infection in cancer patients. Annals of Oncology, 2010, 21, 2333-2341.	1.2	34
56	Effect of pre- and postnatal exposure to urban air pollution on myocardial lipid peroxidation levels in adult mice. Inhalation Toxicology, 2009, 21, 1129-1137.	1.6	33
57	Immunopathological aspects of schistosomiasis-associated pulmonary arterial hypertension. Journal of Infection, 2014, 68, 90-98.	3.3	33
58	Lymphocytic inflammation in childhood bronchiolitis obliterans. Pediatric Pulmonology, 2004, 38, 233-239.	2.0	32
59	The effects of particulate ambient air pollution on the murine umbilical cord and its vessels: A quantitative morphological and immunohistochemical study. Reproductive Toxicology, 2012, 34, 598-606.	2.9	31
60	Pulmonary responses to tracheal or esophageal acidification in guinea pigs with airway inflammation. Journal of Applied Physiology, 2002, 93, 842-847.	2.5	30
61	Pulmonary periarterial inflammation in fatal asthma. Clinical and Experimental Allergy, 2009, 39, 1499-1507.	2.9	30
62	Airway pathology in severe asthma is related to airflow obstruction but not symptom control. Allergy: European Journal of Allergy and Clinical Immunology, 2018, 73, 635-643.	5.7	30
63	COVID-19–Associated cardiac pathology at the postmortem evaluation: a collaborative systematic review. Clinical Microbiology and Infection, 2022, 28, 1066-1075.	6.0	30
64	Immune receptors and adhesion molecules in human pulmonary leptospirosis. Human Pathology, 2012, 43, 1601-1610.	2.0	29
65	Yellow fever and orthotopic liver transplantation: new insights from the autopsy room for an old but reâ€emerging disease. Histopathology, 2019, 75, 638-648.	2.9	29
66	Pulmonary amoebiasis presenting as superior vena cava syndrome. Thorax, 2005, 60, 350-352.	5 . 6	28
67	Lung Morphometry, Collagen and Elastin Content: Changes after Hyperoxic Exposure in Preterm Rabbits. Clinics, 2009, 64, 1099-1104.	1.5	28
68	Inducible nitric oxide synthase inhibition attenuates lung tissue responsiveness and remodeling in a model of chronic pulmonary inflammation in guinea pigs. Respiratory Physiology and Neurobiology, 2009, 165, 185-194.	1.6	28
69	Anacardic Acids from Cashew Nuts Ameliorate Lung Damage Induced by <i>Exposure</i> to Diesel Exhaust Particles in Mice. Evidence-based Complementary and Alternative Medicine, 2013, 2013, 1-13.	1.2	27
70	Effects of overinflation on procollagen type III expression in experimental acute lung injury. Critical Care, 2007, 11, R23.	5.8	26
71	Effects of Tityus serrulatus scorpion venom on lung mechanics and inflammation in mice. Toxicon, 2009, 53, 779-785.	1.6	26
72	Small Airway Remodeling in Idiopathic Interstitial Pneumonias: A Pathological Study. Respiration, 2010, 79, 322-332.	2.6	25

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73	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
74	Exercise Reduces Lung Fibrosis Involving Serotonin/Akt Signaling. Medicine and Science in Sports and Exercise, 2016, 48, 1276-1284.	0.4	24
75	Chronic Exposure to Urban Air Pollution Induces Structural Alterations in Murine Pulmonary and Coronary Arteries. Inhalation Toxicology, 2006, 18, 247-253.	1.6	23
76	Oral tolerance attenuates changes in in vitro lung tissue mechanics and extracellular matrix remodeling induced by chronic allergic inflammation in guinea pigs. Journal of Applied Physiology, 2008, 104, 1778-1785.	2.5	23
77	Effects of different mechanical ventilation strategies on the mucociliary system. Intensive Care Medicine, 2011, 37, 132-140.	8.2	22
78	Cigarette smoke dissociates inflammation and lung remodeling in OVA-sensitized and challenged mice. Respiratory Physiology and Neurobiology, 2012, 181, 167-176.	1.6	22
79	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
80	Lung tissue distortion in response to methacholine in rats: effect of lung volume. Journal of Applied Physiology, 1995, 79, 533-538.	2.5	21
81	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
82	Modulation of the oscillatory mechanics of lung tissue and the oxidative stress response induced by arginase inhibition in a chronic allergic inflammation model. BMC Pulmonary Medicine, 2013, 13, 52.	2.0	20
83	Airway and parenchyma immune cells in influenza A(H1N1)pdm09 viral and non-viral diffuse alveolar damage. Respiratory Research, 2017, 18, 147.	3.6	20
84	Histological–ultrasonographical correlation of pulmonary involvement in severe COVID-19. Intensive Care Medicine, 2020, 46, 1766-1768.	8.2	20
85	Highâ€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
86	Mechanical evaluation of the resistance and elastance of post-burn scars after topical treatment with tretinoin. Clinics, 2011, 66, 1949-1954.	1.5	18
87	Creatine supplementation attenuates pulmonary and systemic effects of lung ischemia and reperfusion injury. Journal of Heart and Lung Transplantation, 2016, 35, 242-250.	0.6	18
88	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
89	The Expression of Water and Ion Channels in Diffuse Alveolar Damage Is Not Dependent on DAD Etiology. PLoS ONE, 2016, 11, e0166184.	2.5	17
90	Characterization of autopsy-proven fatal asthma patients in São Paulo, Brazil. Revista Panamericana De Salud Publica/Pan American Journal of Public Health, 2008, 23, 418-23.	1.1	17

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91	Postmortem brain 7T MRI with minimally invasive pathological correlation in deceased COVID-19 subjects. Insights Into Imaging, 2022, 13, 7.	3.4	17
92	Airway and Pulmonary Tissue Responses to Capsaicin in Guinea Pigs Assessed with the Alveolar Capsule Technique. The American Review of Respiratory Disease, 1993, 147, 466-470.	2.9	16
93	Airway basement membrane perimeter distensibility and airway smooth muscle area in asthma. Journal of Applied Physiology, 2008, 104, 1703-1708.	2.5	16
94	Impact of lung remodelling on respiratory mechanics in a model of severe allergic inflammation. Respiratory Physiology and Neurobiology, 2008, 160, 239-248.	1.6	15
95	Inflammation and remodeling in infantile, juvenile, and adult allergic sensitized mice. Pediatric Pulmonology, 2011, 46, 650-665.	2.0	15
96	Airway Dimensions in Fatal Asthma and Fatal COPD: Overlap in Older Patients. COPD: Journal of Chronic Obstructive Pulmonary Disease, 2013, 10, 348-356.	1.6	15
97	Immunohistological features related to functional impairment in lymphangioleiomyomatosis. Respiratory Research, 2018, 19, 83.	3.6	14
98	Chemical composition modulates the adverse effects of particles on the mucociliary epithelium. Clinics, 2015, 70, 706-713.	1.5	14
99	Pulmonary mechanic and lung histology injury induced by Crotalus durissus terrificus snake venom. Toxicon, 2008, 51, 1158-1166.	1.6	12
100	Repeated stress reduces mucociliary clearance in animals with chronic allergic airway inflammation. Respiratory Physiology and Neurobiology, 2010, 173, 79-85.	1.6	12
101	Acute Fibrinoid Organizing Pneumonia in Lung Transplant. Transplantation, 2016, 100, e11-e12.	1.0	12
102	Stress amplifies lung tissue mechanics, inflammation and oxidative stress induced by chronic inflammation. Experimental Lung Research, 2012, 38, 344-354.	1.2	11
103	Pulmonary impact of N-acetylcysteine in a controlled hemorrhagic shock model in rats. Journal of Surgical Research, 2013, 182, 108-115.	1.6	11
104	Pulmonary arterial involvement leading to alveolar hemorrhage in lymphangioleiomyomatosis. Clinics, 2011, 66, 1301-1303.	1.5	11
105	Cholinergic Hyperresponsiveness of Peripheral Lung Parenchyma in Chronic Obstructive Pulmonary Disease. Respiration, 2011, 82, 177-184.	2.6	10
106	Exercise Performed Concomitantly with Particulate Matter Exposure Inhibits Lung Injury. International Journal of Sports Medicine, 2018, 39, 133-140.	1.7	10
107	Scattered Lung Cysts as the Main Radiographic Finding of Constrictive Bronchiolitis. American Journal of Respiratory and Critical Care Medicine, 2012, 186, 294-295.	5.6	9
108	Air pollution impairs recovery and tissue remodeling in a murine model of acute lung injury. Scientific Reports, 2020, 10, 15314.	3.3	9

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109	Aerobic Exercise Attenuated Bleomycin-Induced Lung Fibrosis in Th2-Dominant Mice. PLoS ONE, 2016, 11, e0163420.	2.5	9
110	Airway and Pulmonary Tissue Responses to Platelet-Activating Factor in Rats. Experimental Lung Research, 1994, 20, 169-184.	1.2	8
111	EFFECTS OF POSITIVE END-EXPIRATORY PRESSURE IN AN EXPERIMENTAL MODEL OF ACUTE MYOCARDIAL INFARCT IN WISTAR RATS. Shock, 2007, 27, 584-589.	2.1	8
112	Pulmonary interstitial emphysema in fatal asthma: case report and histopathological review. BMC Pulmonary Medicine, 2018, 18, 50.	2.0	8
113	Systemic dengue infection associated with a new dengue virus type 2 introduction in Brazil – a case report. BMC Infectious Diseases, 2021, 21, 311.	2.9	8
114	Ultrasound-Guided Minimally Invasive Tissue Sampling: A Minimally Invasive Autopsy Strategy During the COVID-19 Pandemic in Brazil, 2020. Clinical Infectious Diseases, 2021, 73, S442-S453.	5.8	8
115	Lung cancer biopsy: Can diagnosis be changed after immunohistochemistry when the H&E-Based morphology corresponds to a specific tumor subtype?. Clinics, 2018, 73, e361.	1.5	7
116	Rapid Mortality Surveillance of COVID-19 Using Verbal Autopsy. International Journal of Public Health, 2021, 66, 1604249.	2.3	7
117	Understanding SabiÃ; virus infections (Brazilian mammarenavirus). Travel Medicine and Infectious Disease, 2022, 48, 102351.	3.0	7
118	Efeitos da suplementação oral com creatina sobre o metabolismo e a morfologia hepática em ratos. Revista Brasileira De Medicina Do Esporte, 2008, 14, 38-41.	0.2	6
119	Morphologic Aspects of Interstitial Pneumonia With Autoimmune Features. Archives of Pathology and Laboratory Medicine, 2018, 142, 1080-1089.	2.5	6
120	Extreme phenotypes approach to investigate host genetics and COVID-19 outcomes. Genetics and Molecular Biology, 2021, 44, e20200302.	1.3	6
121	Remodelamento brônquico na asma. Jornal De Pneumologia, 2000, 26, 91-98.	0.1	5
122	Oral lesions and SARS oVâ€2: A postmortem study. Oral Diseases, 2022, 28, 2551-2555.	3.0	5
123	Postmortem Chest Computed Tomography in Fatal COVID-19: A Valuable Diagnostic Tool for Minimally Invasive Autopsy. Clinics, 2021, 76, e3551.	1.5	4
124	Right Cardiac Chambers Involvement by a Malignant Testicular Germ Cell Tumor: An Imaging-pathologic Correlation. Urology, 2016, 93, e9-e11.	1.0	3
125	Medical students with performance difficulties need wide support: Initial results of an academic tutoring program. Clinics, 2021, 76, e2495.	1.5	3
126	Using EM data to understand COVID-19 pathophysiology. Lancet, The, 2021, 397, 196-197.	13.7	3

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127	Morphological determinants of peripheral lung mechanical changes induced by capsaicin. Respiration Physiology, 1997, 108, 63-72.	2.7	2
128	Minimally Invasive Adenocarcinoma of the Lung in a Young Patient Treated for Osteosarcoma. Pediatric and Developmental Pathology, 2013, 16, 387-390.	1.0	2
129	Ultrasound-Guided Minimally Invasive Autopsy of Respiratory Muscles as a Safe and Cost-Effective Technique in COVID-19 Pandemic Era. Acta Cytologica, 2021, 65, 276-278.	1.3	2
130	Associa \tilde{A} § \tilde{A} £o de bronquiolite obliterante p \tilde{A} 3-infecciosa e hemossiderose pulmonar na inf \tilde{A} ¢ncia. Jornal Brasileiro De Pneumologia, 2006, 32, 587-591.	0.7	2
131	Bacteria: The Silent Killer During Flu Pandemics?. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 874-875.	5 . 6	1
132	Association of Pulmonary Cysts and Nodules in a Young Female Patient. Chest, 2016, 149, e183-e190.	0.8	1
133	Posterior laryngofissure using a surgical contact diode laser: an experimental feasibility study. Lasers in Medical Science, 2019, 34, 1441-1448.	2.1	1
134	Can lung ultrasound predict histologic pattern of lung injury in critically ill patients with COVID-19? Author's reply. Intensive Care Medicine, 2021, 47, 631-631.	8.2	1
135	Extended minimally invasive autopsy: Technical improvements for the investigation of cardiopulmonary events in COVID-19. Clinics, 2021, 76, e3543.	1.5	1
136	LPS Response Is Impaired by Urban Fine Particulate Matter. International Journal of Molecular Sciences, 2022, 23, 3913.	4.1	1
137	Necrotizing Bronchiolitis in Influenza A of Swine Origin (H1N1). American Journal of Respiratory and Critical Care Medicine, 2011, 184, 1086-1086.	5.6	0
138	Lymphadenopathy and fever in a chef during a stay in Europe. Jornal Brasileiro De Pneumologia, 2015, 41, 191-195.	0.7	0