Walter Araujo Zin

List of Publications by Year
in descending order

209 papers	6,373 citations	76326 40 h-index	82547 72 g-index
213 all docs	213 docs citations	213 times ranked	5774 citing authors

#	Article	IF	Citations
1	Pulmonary impairment in type 2 diabetic rats and its improvement by exercise. Acta Physiologica, 2022, 234, e13708.	3.8	5
2	Comparison of 68Ga-DOTATOC and 18F-FDG Thoracic Lymph Node and Pulmonary Lesion Uptake Using PET/CT in Postprimary Tuberculosis. American Journal of Tropical Medicine and Hygiene, 2022, , .	1.4	1
3	Subacute and sublethal ingestion of microcystin-LR impairs lung mitochondrial function by an oligomycin-like effect. Environmental Toxicology and Pharmacology, 2022, 93, 103887.	4.0	0
4	On some factors determining the pressure drop across tracheal tubes during high-frequency percussive ventilation: a flow-independent model. Journal of Clinical Monitoring and Computing, 2021, 35, 885-890.	1.6	0
5	Eugenol mitigated acute lung but not spermatic toxicity of C60 fullerene emulsion in mice. Environmental Pollution, 2021, 269, 116188.	7.5	7
6	Acute cylindrospermopsin exposure: Pulmonary and liver harm and mitigation by dexamethasone. Toxicon, 2021, 191, 18-24.	1.6	5
7	Estimating COVID-19 Pneumonia Extent and Severity From Chest Computed Tomography. Frontiers in Physiology, 2021, 12, 617657.	2.8	5
8	Pulmonary Emphysema Regional Distribution and Extent Assessed by Chest Computed Tomography Is Associated With Pulmonary Function Impairment in Patients With COPD. Frontiers in Medicine, 2021, 8, 705184.	2.6	2
9	Different Tidal Volumes May Jeopardize Pulmonary Redox and Inflammatory Status in Healthy Rats Undergoing Mechanical Ventilation. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-10.	4.0	2
10	Acute exposure to C60 fullerene damages pulmonary mitochondrial function and mechanics. Nanotoxicology, 2021, 15, 352-365.	3.0	6
11	Isolation of Mitochondria From Fresh Mice Lung Tissue. Frontiers in Physiology, 2021, 12, 748261.	2.8	8
12	Automatic Quantification of Interstitial Lung Disease From Chest Computed Tomography in Systemic Sclerosis. Frontiers in Medicine, 2020, 7, 577739.	2.6	5
13	COVID-19 Chest Computed Tomography to Stratify Severity and Disease Extension by Artificial Neural Network Computer-Aided Diagnosis. Frontiers in Medicine, 2020, 7, 577609.	2.6	18
14	P2Y12 Receptor Antagonist Clopidogrel Attenuates Lung Inflammation Triggered by Silica Particles. Frontiers in Pharmacology, 2020, 11, 301.	3.5	8
15	Panic disorder respiratory subtype: psychopathology and challenge tests â€“ an update. Revista Brasileira De Psiquiatria, 2020, 42, 420-430.	1.7	8
16	Exposure to Fullerene C60 Nanoparticles Impairs Lung Mechanics and Mitochondrial Function. FASEB Journal, 2020, 34, 1-1.	0.5	0
17	Inflammatory and Functional Responses Induced by Normobaric and Hyperbaric Hyperoxia in Mice Lungs. FASEB Journal, 2020, 34, 1-1.	0.5	0
18	The anti-inflammatory and anti-oxidative actions of eugenol improve lipopolysaccharide-induced lung injury. Respiratory Physiology and Neurobiology, 2019, 259, 30-36.	1.6	34

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19	Biomechanical Response of Lung Epithelial Cells to Iron Oxide and Titanium Dioxide Nanoparticles. Frontiers in Physiology, 2019, 10, 1047.	2.8	10
20	Acute Exposure to Diesel-Biodiesel Particulate Matter Promotes Murine Lung Oxidative Stress by Nrf2/HO-1 and Inflammation Through the NF-kB/TNF-Î± Pathways. Inflammation, 2019, 42, 526-537.	3.8	25
21	Escherichia coli lipopolysaccharide induces alveolar epithelial cell stiffening. Journal of Biomechanics, 2019, 83, 315-318.	2.1	5
22	Hyperbaric and hyperoxia-induced lung injury under different ambient conditions. , 2019, , .		0
23	Immediate and late effects of anesthesia and mechanical ventilation in healthy rats. , 2019, , .		0
24	Oxidative imbalance in mice intoxicated by microcystin-LR can be minimized. Toxicon, 2018, 144, 75-82.	1.6	4
25	Alveolar Tidal recruitment/derecruitment and Overdistension During Four Levels of End-Expiratory Pressure with Protective Tidal Volume During Anesthesia in a Murine Lung-Healthy Model. Lung, 2018, 196, 335-342.	3.3	6
26	Intratracheal instillation of coal and coal fly ash particles in mice induces DNA damage and translocation of metals to extrapulmonary tissues. Science of the Total Environment, 2018, 625, 589-599.	8.0	81
27	The role of sphingolipid metabolism disruption on lipopolysaccharide-induced lung injury in mice. Pulmonary Pharmacology and Therapeutics, 2018, 50, 100-110.	2.6	15
28	Lung and liver responses to 1- and 7-day treatments with LASSBio-596 in mice subchronically intoxicated by microcystin-LR. Toxicon, 2018, 141, 1-8.	1.6	6
29	Variable Ventilation Associated With Recruitment Maneuver Minimizes Tissue Damage and Pulmonary Inflammation in Anesthetized Lung-Healthy Rats. Anesthesia and Analgesia, 2018, 127, 784-791.	2.2	9
30	Bone Marrow-Derived Mononuclear Cell Therapy in Papain-Induced Experimental Pulmonary Emphysema. Frontiers in Physiology, 2018, 9, 121.	2.8	12
31	Regional Lung Recruitability During Pneumoperitoneum Depends on Chest Wall Elastance â€“ A Mechanical and Computed Tomography Analysis in Rats. Frontiers in Physiology, 2018, 9, 920.	2.8	0
32	Iron Oxide and Titanium Dioxide Nanoparticles Reduce Alveolar Epithelial Cell Stiffening and Contraction Forces. , 2018, , .		0
33	FLOW-i ventilator performance in the presence of a circle system leak. Journal of Clinical Monitoring and Computing, 2017, 31, 273-280.	1.6	5
34	Atorvastatin and Simvastatin Promoted Mouse Lung Repair After Cigarette Smoke-Induced Emphysema. Inflammation, 2017, 40, 965-979.	3.8	23
35	Inflammatory and Oxidative Stress Markers in Experimental Allergic Asthma. Inflammation, 2017, 40, 1166-1176.	3.8	14
36	Changes in rat respiratory system produced by exposure to exhaust gases of combustion of glycerol. Respiratory Physiology and Neurobiology, 2017, 242, 80-85.	1.6	7

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37	2,2â€²-Azobis (2-Amidinopropane) Dihydrochloride Is a Useful Tool to Impair Lung Function in Rats. Frontiers in Physiology, 2016, 7, 475.	2.8	7
38	Time-dependency of mice lung recovery after a 4-week exposure to traffic or biomass air pollutants. Respiratory Physiology and Neurobiology, 2016, 230, 16-21.	1.6	8
39	Does acute exposure to aldehydes impair pulmonary function and structure?. Respiratory Physiology and Neurobiology, 2016, 229, 34-42.	1.6	1
40	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
41	Pulmonary and hepatic injury after sub-chronic exposure to sublethal doses of microcystin-LR. Toxicon, 2016, 112, 51-58.	1.6	16
42	Exposure to low dose of particles produced by biomass burning: Respiratory toxicity. , 2016, , .		0
43	Treatment with Atorvastatin and Simvastatin after Emphysema Improves Mouse Lung Repair. Free Radical Biology and Medicine, 2015, 87, S135-S136.	2.9	0
44	Association Between Hemodynamic Profile, Physical Capacity and Quality of Life in Pulmonary Hypertension. Arquivos Brasileiros De Cardiologia, 2015, 104, 387-93.	0.8	3
45	Repeated intranasal exposure to microcystin-LR affects lungs but not nasal epithelium in mice. Toxicon, 2015, 104, 14-18.	1.6	14
46	Investigating the therapeutic effects of LASSBio-596 in an inÂvivo model of cylindrospermopsin-induced lung injury. Toxicon, 2015, 94, 29-35.	1.6	11
47	Characterization of ceramide generation kinetics in a lung injury model induced by lipopolysaccharide. , 2015, , .		0
48	LASSBio 596 improves function, inflammation and apoptosis in lung and liver of mice intoxicated with microcystin-LR. , 2015, , .		0
49	Pulmonary burden in C57Bl/6 mice infected withplasmodiumbergheistrains NK65 or ANKA. , 2015, , .		0
50	Eucalyptol reduced inflammation and oxidative stress on mouse lungs exposed to long and short-term cigarette smoke. , 2015, , .		0
51	Effects of ceramide pathway inhibition on the inflammatory response in lipopolysacharide-triggered lung injury. , 2015, , .		0
52	Positive End-Expiratory Pressure and Variable Ventilation in Lung-Healthy Rats under General Anesthesia. PLoS ONE, 2014, 9, e110817.	2.5	14
53	Liquid- and Air-Filled Catheters without Balloon as an Alternative to the Air-Filled Balloon Catheter for Measurement of Esophageal Pressure. PLoS ONE, 2014, 9, e103057.	2.5	12
54	P2X7 Receptor Modulates Inflammatory and Functional Pulmonary Changes Induced by Silica. PLoS ONE, 2014, 9, e110185.	2.5	55

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55	Time course of pulmonary burden in mice exposed to residual oil fly ash. Frontiers in Physiology, 2014, 5, 366.	2.8	11
56	In vitroestimation of pressure drop across tracheal tubes during high-frequency percussive ventilation. Physiological Measurement, 2014, 35, 177-188.	2.1	6
57	End-tidal versus manually-controlled low-flow anaesthesia. Journal of Clinical Monitoring and Computing, 2014, 28, 117-121.	1.6	15
58	Papain-induced experimental pulmonary emphysema in male and female mice. Respiratory Physiology and Neurobiology, 2014, 200, 90-96.	1.6	11
59	Association between respiratory mechanics and autonomic function in morbid obesity. Revista Portuguesa De Pneumologia, 2014, 20, 31-35.	0.7	0
60	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
61	Pulmonary functional and morphological damage after exposure to tripoli dust. Respiratory Physiology and Neurobiology, 2014, 196, 17-24.	1.6	6
62	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
63	Regular exercise training attenuates pulmonary inflammatory responses to inhaled alumina refinery dust in mice. Respiratory Physiology and Neurobiology, 2013, 186, 53-60.	1.6	3
64	Redox Markers and Inflammation Are Differentially Affected by Atorvastatin, Pravastatin or Simvastatin Administered Before Endotoxin-Induced Acute Lung Injury. Free Radical Biology and Medicine, 2013, 65, S41.	2.9	0
65	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
66	The Panic Disorder Respiratory Ratio: A Dimensional Approach to the Respiratory Subtype. Revista Brasileira De Psiquiatria, 2013, 35, 57-62.	1.7	6
67	Spontaneous Effort Causes Occult Pendelluft during Mechanical Ventilation. American Journal of Respiratory and Critical Care Medicine, 2013, 188, 1420-1427.	5.6	391
68	Volume-Independent Elastance. Anesthesia and Analgesia, 2013, 116, 627-633.	2.2	12
69	Eugenol attenuates pulmonary damage induced by diesel exhaust particles. Journal of Applied Physiology, 2012, 112, 911-917.	2.5	33
70	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
71	Early Short-Term Application of High-Frequency Percussive Ventilation Improves Gas Exchange in Hypoxemic Patients. Respiration, 2012, 84, 369-376.	2.6	15
72	High-Flow Nasal Interface Improves Oxygenation in Patients Undergoing Bronchoscopy. Critical Care Research and Practice, 2012, 2012, 1-6.	1.1	101

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73	Positive Pressure Exacerbates Hemodynamic Instability In Wistar Rats. , 2012, , .		0
74	Comparative Respiratory Toxicity Of Particles Produced By Traffic And Sugar Cane Burning: Study Of Three Different Durations Of Exposure. , 2012, , .		0
75	Time-dependence of lung injury in mice acutely exposed to cylindrospermopsin. Toxicon, 2012, 60, 764-772.	1.6	19
76	Respiratory mechanics in COPD patients who failed non-invasive ventilation: Role of intrinsic PEEP. Respiratory Physiology and Neurobiology, 2012, 184, 35-40.	1.6	7
77	Respiratory mechanics during repeated lung lavages in pulmonary alveolar proteinosis. Internal and Emergency Medicine, 2012, 7, 109-111.	2.0	0
78	Tidal Volume Low Variability Promotes Alveolar Stability In Mechanically Ventilated Rats. , 2012, , .		0
79	Can LASSBio 596 Attenuate Pulmonary Functional And Histological Impairments In Mice Exposed To Cylindrospermopsin?. , 2012, , .		0
80	Flutter valve improves respiratory mechanics and sputum production in patients with bronchiectasis. Physiotherapy Research International, 2012, 17, 12-20.	1.5	47
81	Antispasmodic effects of a new kaurene diterpene isolated from Croton argyrophylloides on rat airway smooth muscle. Journal of Pharmacy and Pharmacology, 2012, 64, 1155-1164.	2.4	6
82	VentilaÃ§Ã£o mecÃ¢nica com baixo volume corrente e estresse oxidativo em pulmÃµes saudÃ¡veis de camundongos. Jornal Brasileiro De Pneumologia, 2012, 38, 98-104.	0.7	12
83	LASSBio 596 per os avoids pulmonary and hepatic inflammation induced by microcystin-LR. Toxicon, 2011, 58, 195-201.	1.6	20
84	Can the Flutter Valve improve respiratory mechanics and sputum production in mechanically ventilated patients? A randomized crossover trial. Heart and Lung: Journal of Acute and Critical Care, 2011, 40, 545-553.	1.6	15
85	Alternating ventilation in a rat model of increased abdominal pressure. Respiratory Physiology and Neurobiology, 2011, 175, 310-315.	1.6	1
86	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
87	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
88	Residual oil fly ash worsens pulmonary hyperreactivity in chronic allergic mice. Respiratory Physiology and Neurobiology, 2011, 179, 151-157.	1.6	7
89	On the crucial ventilatory setting adjustment from two- to one-lung ventilation. Respiratory Physiology and Neurobiology, 2011, 179, 198-204.	1.6	5
90	Lipopolysaccharide-induced lung injury: Role of P2X7 receptor. Respiratory Physiology and Neurobiology, 2011, 179, 314-325.	1.6	50

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91	Antispasmodic effects of eugenol on rat airway smooth muscle. Fundamental and Clinical Pharmacology, 2011, 25, 690-699.	1.9	14
92	Respiratory system dynamical mechanical properties: modeling in time and frequency domain. Biophysical Reviews, 2011, 3, 71-84.	3.2	24
93	Comparison of Noninvasive Ventilation by Sequential Use of Mask and Helmet versus Mask in Acute Exacerbation of Chronic Obstructive Pulmonary Disease: A Preliminary Study. Respiration, 2011, 82, 148-154.	2.6	24
94	Endotoxin-induced acute lung injury is dependent upon oxidative response. Inhalation Toxicology, 2011, 23, 918-926.	1.6	14
95	Oxidative Stress is Strain Dependent in Bleomycinâ€induced Pulmonary Fibrosis. FASEB Journal, 2011, 25, 114.8.	0.5	0
96	Gas distribution in a two-compartment model ventilated in high-frequency percussive and pressure-controlled modes. Intensive Care Medicine, 2010, 36, 2125-2131.	8.2	15
97	Roles of oxidative stress in signaling and inflammation induced by particulate matter. Cell Biology and Toxicology, 2010, 26, 481-498.	5.3	139
98	Gas distribution in a two-compartment model during volume or pressure ventilation: Role of elastic elements. Respiratory Physiology and Neurobiology, 2010, 171, 225-231.	1.6	5
99	Anxiogenic properties of a computer simulation for panic disorder with agoraphobia. Journal of Affective Disorders, 2010, 125, 301-306.	4.1	21
100	Influence of lung mechanical properties and alveolar architecture on the pathogenesis of ischemia-reperfusion injury. Interactive Cardiovascular and Thoracic Surgery, 2010, 11, 46-51.	1.1	10
101	Pulmonary function and histological impairment in mice after acute exposure to aluminum dust. Inhalation Toxicology, 2010, 22, 861-867.	1.6	23
102	Carbon dioxide-induced panic attacks and quantitative electroencephalogram in panic disorder patients. World Journal of Biological Psychiatry, 2010, 11, 357-363.	2.6	9
103	Can LASSBio 596 and dexamethasone treat acute lung and liver inflammation induced by microcystin-LR?. Toxicon, 2010, 56, 604-612.	1.6	25
104	In vivo anti-inflammatory action of eugenol on lipopolysaccharide-induced lung injury. Journal of Applied Physiology, 2010, 108, 845-851.	2.5	85
105	Respiratory manifestations of panic disorder: causes, consequences and therapeutic implications. Jornal Brasileiro De Pneumologia, 2009, 35, 698-708.	0.7	24
106	Lung Parenchymal Mechanics in Health and Disease. Physiological Reviews, 2009, 89, 759-775.	28.8	159
107	Panic disorder and control of breathing. Respiratory Physiology and Neurobiology, 2009, 167, 133-143.	1.6	118
108	Prone position prevents regional alveolar hyperinflation and mechanical stress and strain in mild experimental acute lung injury. Respiratory Physiology and Neurobiology, 2009, 167, 181-188.	1.6	29

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109	Recruitment maneuver: RAMP versus CPAP pressure profile in a model of acute lung injury. Respiratory Physiology and Neurobiology, 2009, 169, 62-68.	1.6	17
110	Panic disorder and social anxiety disorder subtypes in a caffeine challenge test. Psychiatry Research, 2009, 169, 149-153.	3.3	61
111	Hyperinflation using pressure support ventilation improves secretion clearance and respiratory mechanics in ventilated patients with pulmonary infection: a randomised crossover trial. Australian Journal of Physiotherapy, 2009, 55, 249-254.	0.9	48
112	Pulmonary lesion induced by low and high positive end-expiratory pressure levels during protective ventilation in experimental acute lung injury. Critical Care Medicine, 2009, 37, 1011-1017.	0.9	44
113	High-frequency percussive ventilation improves perioperatively clinical evolution in pulmonary resection*. Critical Care Medicine, 2009, 37, 1663-1669.	0.9	62
114	Paraquat (PQ)-induced pulmonary fibrosis increases exercise metabolic cost, reducing aerobic performance in rats. Journal of Toxicological Sciences, 2009, 34, 671-679.	1.5	20
115	MedicaÃ§Ã£o antipÃ¢nico e funÃ§Ã£o pulmonar em pacientes com transtorno de pÃ¢nico. Revista De Psiquiatria Clinica, 2009, 36, 123-129.	0.6	3
116	Protective effects of the Nâ€(2â€Mercaptopropionyl)â€Glycine and Nâ€acetylcysteine on cigarette smokeâ€induced lung oxidative stress in mice. FASEB Journal, 2009, 23, 572.6.	0.5	0
117	Thoracic percussion yields reversible mechanical changes in healthy subjects. European Journal of Applied Physiology, 2008, 104, 601-607.	2.5	8
118	A caffeine challenge test in panic disorder patients, their healthy first-degree relatives, and healthy controls. Depression and Anxiety, 2008, 25, 847-853.	4.1	32
119	Microcrystalline cellulose induces time-dependent lung functional and inflammatory changes. Respiratory Physiology and Neurobiology, 2008, 164, 331-337.	1.6	4
120	Panic disorder respiratory subtype: A comparison between responses to hyperventilation and CO2 challenge tests. Psychiatry Research, 2008, 157, 307-310.	3.3	38
121	Effects of different nutritional support on lung mechanics and remodelling in undernourished rats. Respiratory Physiology and Neurobiology, 2008, 160, 54-64.	1.6	5
122	Does the use of recombinant AAV2 in pulmonary gene therapy damage lung function?. Respiratory Physiology and Neurobiology, 2008, 160, 91-98.	1.6	5
123	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
124	Effects of amiodarone on lung tissue mechanics and parenchyma remodeling. Respiratory Physiology and Neurobiology, 2008, 162, 126-131.	1.6	2
125	Comparative respiratory toxicity of particles produced by traffic and sugar cane burning. Environmental Research, 2008, 108, 35-41.	7.5	69
126	Composition of Diesel Particles Influences Acute Pulmonary Toxicity: An Experimental Study in MICE. Inhalation Toxicology, 2008, 20, 1037-1042.	1.6	37

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127	Methylprednisolone improves lung mechanics and reduces the inflammatory response in pulmonary but not in extrapulmonary mild acute lung injury in mice*. Critical Care Medicine, 2008, 36, 2621-2628.	0.9	69
128	Pulmonary morphofunctional effects of mechanical ventilation with high inspiratory air flow. Critical Care Medicine, 2008, 36, 232-239.	0.9	34
129	Recruitment maneuver in pulmonary and extrapulmonary experimental acute lung injury. Critical Care Medicine, 2008, 36, 1900-1908.	0.9	96
130	Does polyurethane impact endotracheal cuff pressure?. Critical Care Medicine, 2008, 36, 2219-2220.	0.9	1
131	Effect of positive expiratory pressure and type of tracheal cuff on the incidence of aspiration in mechanically ventilated patients in an intensive care unit*. Critical Care Medicine, 2008, 36, 409-413.	0.9	153
132	The effect of positive expiratory pressure and tracheal tube cuff type on pulmonary aspiration. Critical Care Medicine, 2008, 36, 1692.	0.9	1
133	Lung Mechanics and Histology During Sevoflurane Anesthesia in a Model of Chronic Allergic Asthma. Anesthesia and Analgesia, 2007, 104, 631-637.	2.2	43
134	Clinical features of respiratory and nocturnal panic disorder subtypes. Psychiatry Research, 2007, 152, 287-291.	3.3	19
135	Effects of microcystin-LR on mouse lungs. Toxicon, 2007, 50, 330-338.	1.6	55
136	Caffeine challenge test in panic disorder and depression with panic attacks. Comprehensive Psychiatry, 2007, 48, 257-263.	3.1	27
137	Caffeine and 35% carbon dioxide challenge tests in panic disorder. Human Psychopharmacology, 2007, 22, 231-240.	1.5	33
138	Psychopathological profile of 35% CO2 challenge testâ€"induced panic attacks: a comparison with spontaneous panic attacks. Comprehensive Psychiatry, 2006, 47, 209-214.	3.1	34
139	Comparison between hyperventilation and breath-holding in panic disorder: Patients responsive and non-responsive to both tests. Psychiatry Research, 2006, 142, 201-208.	3.3	14
140	Mouse strain dependence of lung tissue mechanics: Role of specific extracellular matrix composition. Respiratory Physiology and Neurobiology, 2006, 152, 186-196.	1.6	11
141	Respiratory changes in a murine model of spontaneous systemic lupus erythematosus. Respiratory Physiology and Neurobiology, 2006, 153, 107-114.	1.6	4
142	Effects of dexmedetomidine on respiratory mechanics and control of breathing in normal rats. Respiratory Physiology and Neurobiology, 2006, 154, 342-350.	1.6	10
143	The relationship between the severity of asthma and comorbidites with anxiety and depressive disorders. Revista Brasileira De Psiquiatria, 2006, 28, 206-208.	1.7	24
144	Time course of lung parenchyma remodeling in pulmonary and extrapulmonary acute lung injury. Journal of Applied Physiology, 2006, 100, 98-106.	2.5	92

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145	Combining lung-protective strategies in experimental acute lung injury: The impact of high-frequency partial liquid ventilation. Pediatric Critical Care Medicine, 2006, 7, 562-570.	0.5	5
146	Intrapulmonary percussive ventilation improves the outcome of patients with acute exacerbation of chronic obstructive pulmonary disease using a helmet*. Critical Care Medicine, 2006, 34, 2940-2945.	0.9	50
147	35% Carbon dioxide and breath-holding challenge tests in panic disorder: a comparison with spontaneous panic attacks. Depression and Anxiety, 2006, 23, 236-244.	4.1	29
148	High-Frequency Percussive Ventilation. Critical Care Medicine, 2005, 33, 2155.	0.9	3
149	Pulmonary and extrapulmonary acute lung injury: inflammatory and ultrastructural analyses. Journal of Applied Physiology, 2005, 98, 1777-1783.	2.5	149
150	Pulmonary and extrapulmonary acute respiratory distress syndrome: are they different?. Current Opinion in Critical Care, 2005, 11, 10-17.	3.2	71
151	Positive end-expiratory pressure prevents lung mechanical stress caused by recruitment/derecruitment. Journal of Applied Physiology, 2005, 98, 53-61.	2.5	84
152	Effects of viscoelasticity on volume distribution in a two-compartmental model of normal and sick lungs. Physiological Measurement, 2005, 26, 13-28.	2.1	9
153	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
154	A three-year follow-up study of patients with the respiratory subtype of panic disorder after treatment with clonazepam. Psychiatry Research, 2005, 137, 61-70.	3.3	44
155	On the interaction between respiratory compartments during passive expiration in ARDS patients. Respiratory Physiology and Neurobiology, 2005, 145, 53-63.	1.6	3
156	Diurnal panic attacks with and without nocturnal panic attacks: are there some phenomenological differences?. Revista Brasileira De Psiquiatria, 2005, 27, 216-221.	1.7	16
157	Clonidine in respiratory panic disorder subtype. Arquivos De Neuro-Psiquiatria, 2004, 62, 396-398.	0.8	7
158	Psychopathological Description of Hyperventilation-Induced Panic Attacks: A Comparison with Spontaneous Panic Attacks. Psychopathology, 2004, 37, 29-35.	1.5	42
159	Pulmonary mechanics and lung histology in acute lung injury induced by Bothrops jararaca venom. Respiratory Physiology and Neurobiology, 2004, 139, 167-177.	1.6	27
160	Time course of respiratory mechanics and pulmonary structural remodelling in acute lung injury. Respiratory Physiology and Neurobiology, 2004, 143, 49-61.	1.6	24
161	What increases type III procollagen mRNA levels in lung tissue: stress induced by changes in force or amplitude?. Respiratory Physiology and Neurobiology, 2004, 144, 59-70.	1.6	37
162	Effects of undernutrition on respiratory mechanics and lung parenchyma remodeling. Journal of Applied Physiology, 2004, 97, 1888-1896.	2.5	32

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163	Respiratory Panic Disorder Treatment with Clonidine. Canadian Journal of Psychiatry, 2004, 49, 154-154.	1.9	1
164	Determination of rate-constants as a method to describe passive expiration. European Journal of Applied Physiology, 2003, 90, 539-548.	2.5	1
165	Respiratory panic disorder subtype: acute and long-term response to nortriptyline, a noradrenergic tricyclic antidepressant. Psychiatry Research, 2003, 120, 283-293.	3.3	43
166	On the preparation of lung strip for tissue mechanics measurement. Respiratory Physiology and Neurobiology, 2003, 134, 255-262.	1.6	14
167	Evaluation of respiratory mechanics and lung histology in a model of atelectasis. Respiratory Physiology and Neurobiology, 2003, 137, 61-68.	1.6	4
168	Effect of Corticosteroid on Lung Parenchyma Remodeling at an Early Phase of Acute Lung Injury. American Journal of Respiratory and Critical Care Medicine, 2003, 168, 677-684.	5.6	94
169	Panic disorder in a breath-holding challenge test: a simple tool for a better diagnosis. Arquivos De Neuro-Psiquiatria, 2003, 61, 718-722.	0.8	16
170	Breath-Holding in Anxiety Disorders. Canadian Journal of Psychiatry, 2003, 48, 498-499.	1.9	3
171	Comparison of rat and mouse pulmonary tissue mechanical properties and histology. Journal of Applied Physiology, 2002, 92, 230-234.	2.5	34
172	Apoptosis Underlies Immunopathogenic Mechanisms in Acute Silicosis. American Journal of Respiratory Cell and Molecular Biology, 2002, 27, 78-84.	2.9	64
173	A breath-holding challenge in panic disorder patients, their healthy first-degree relatives, and normal controls. Respiratory Physiology and Neurobiology, 2002, 133, 43-47.	1.6	14
174	Psychiatric disorders in asthmatic outpatients. Psychiatry Research, 2002, 110, 73-80.	3.3	129
175	Early carbon dioxide challenge test may predict clinical response in panic disorder. Psychiatry Research, 2002, 112, 269-272.	3.3	15
176	Carbon dioxide test as an additional clinical measure of treatment response in panic disorder. Arquivos De Neuro-Psiquiatria, 2002, 60, 358-361.	0.8	11
177	Carbon Dioxide Test in Respiratory Panic Disorder Subtype. Canadian Journal of Psychiatry, 2002, 47, 685-686.	1.9	11
178	Nocturnal panic attacks. Arquivos De Neuro-Psiquiatria, 2002, 60, 717-720.	0.8	13
179	Panic disorder and obsessive compulsive disorder in a hyperventilation challenge test. Journal of Affective Disorders, 2002, 68, 335-340.	4.1	15
180	Hyperventilation challenge test in panic disorder and depression with panic attacks. Psychiatry Research, 2001, 105, 57-65.	3.3	31

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181	Lung tissue mechanics and extracellular matrix composition in a murine model of silicosis. Journal of Applied Physiology, 2001, 90, 1400-1406.	2.5	54
182	Respiratory mechanics and lung histology in normal rats anesthetized with sevoflurane. Journal of Applied Physiology, 2001, 91, 803-810.	2.5	26
183	Frequency characteristics of lung tissue strip during passive stretch and induced pneumoconstriction. Journal of Applied Physiology, 2001, 91, 882-890.	2.5	24
184	Hyperventilation in Panic Disorder and Social Phobia. Psychopathology, 2001, 34, 123-127.	1.5	16
185	The Effect of Experimental Pleurodesis Caused by Aluminum Hydroxide on Lung and Chest Wall Mechanics. Lung, 2001, 179, 293-303.	3.3	7
186	Lung Tissue Mechanics and Extracellular Matrix Remodeling in Acute Lung Injury. American Journal of Respiratory and Critical Care Medicine, 2001, 164, 1067-1071.	5.6	155
187	FAS Ligand Triggers Pulmonary Silicosis. Journal of Experimental Medicine, 2001, 194, 155-164.	8.5	106
188	Suture or Prosthetic Reconstruction of Experimental Diaphragmatic Defects. Chest, 2000, 117, 1443-1448.	0.8	17
189	Double-blind acute clonazepam vs. placebo in carbon dioxide-induced panic attacks. Psychiatry Research, 2000, 94, 179-184.	3.3	37
190	Effects of prosthetic reconstruction of the abdominal wall on respiratory mechanics in rats. Respiration Physiology, 1999, 115, 35-43.	2.7	3
191	Flow and Volume Dependence of Respiratory Mechanics in Anesthetized Children. Pediatric Research, 1999, 46, 419-419.	2.3	6
192	HIGH VERSUS LOW TIDAL VOLUMES DURING ANESTHESIA. Critical Care Medicine, 1999, 27, 94A.	0.9	0
193	Respiratory Mechanics After Prosthetic Reconstruction of the Chest Wall in Normal Rats. Chest, 1998, 113, 1667-1672.	0.8	13
194	Respiratory mechanics and morphometry after progressive intraperitoneal effusion. Respiration Physiology, 1995, 102, 217-224.	2.7	4
195	Effect of salicylate on respiratory mechanics and postinspiratory muscle pressure. Respiration Physiology, 1994, 97, 189-198.	2.7	3
196	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
197	Effects of Thoracotomy on Respiratory System, Lung, and Chest Wall Mechanics. Chest, 1993, 104, 1882-1886.	0.8	9
198	Volume-Assured Pressure Support Ventilation (VAPSV). Chest, 1992, 102, 1225-1234.	0.8	101

#	Article	IF	Citations
199	A comparison between the isovolume and the end-inflation occlusion methods for measurement of lung mechanics in rats. Journal of Applied Toxicology, 1991, 11, 79-84.	2.8	8
200	Respiratory system mechanics in guinea pigs after acute hemorrhage. Critical Care Medicine, 1990, 18, 515-519.	0.9	13
201	Flow and volume dependence of respiratory system mechanics during constant flow ventilation in normal subjects and in adult respiratory distress syndrome. Critical Care Medicine, 1990, 18, 1080-1086.	0.9	30
202	Evoked bronchoconstriction: testing three methods for measuring respiratory mechanics. Respiration Physiology, 1989, 77, 41-53.	2.7	6
203	Biological effects of air pollution in SÃ£o Paulo and CubatÃ£o. Environmental Research, 1989, 49, 208-216.	7.5	48
204	Expiratory Mechanics Before and After Uncomplicated Heart Surgery. Chest, 1989, 95, 21-28.	0.8	32
205	Vagal influences on respiratory mechanics, pressures, and control in rats. Respiration Physiology, 1988, 73, 43-53.	2.7	11
206	Pre- and Postoperative Inspiratory Mechanics in Ischemic and Valvular Heart Disease. Chest, 1987, 92, 984-990.	0.8	40
207	Effect of posture on ventilation and breathing pattern during room air breathing at rest. Lung, 1987, 165, 341-351.	3.3	26
208	Hemodynamic action of verapamil in dogs with controlled aortic pressure â€" Influence of sympathetic activation. European Journal of Pharmacology, 1983, 86, 385-391.	3.5	3
209	A simple method for assessing the validity of the esophageal balloon technique. The American Review of Respiratory Disease, 1982, 126, 788-91.	2.9	881