

Walter Araujo Zin

List of Publications by Year in descending order

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Version: 2024-02-01

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	A simple method for assessing the validity of the esophageal balloon technique. <i>The American Review of Respiratory Disease</i> , 1982, 126, 788-91.	2.9	881
2	Spontaneous Effort Causes Occult Pendelluft during Mechanical Ventilation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 1420-1427.	5.6	391
3	Lung Parenchymal Mechanics in Health and Disease. <i>Physiological Reviews</i> , 2009, 89, 759-775.	28.8	159
4	Lung Tissue Mechanics and Extracellular Matrix Remodeling in Acute Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2001, 164, 1067-1071.	5.6	155
5	Effect of positive expiratory pressure and type of tracheal cuff on the incidence of aspiration in mechanically ventilated patients in an intensive care unit*. <i>Critical Care Medicine</i> , 2008, 36, 409-413.	0.9	153
6	Pulmonary and extrapulmonary acute lung injury: inflammatory and ultrastructural analyses. <i>Journal of Applied Physiology</i> , 2005, 98, 1777-1783.	2.5	149
7	Roles of oxidative stress in signaling and inflammation induced by particulate matter. <i>Cell Biology and Toxicology</i> , 2010, 26, 481-498.	5.3	139
8	Psychiatric disorders in asthmatic outpatients. <i>Psychiatry Research</i> , 2002, 110, 73-80.	3.3	129
9	Panic disorder and control of breathing. <i>Respiratory Physiology and Neurobiology</i> , 2009, 167, 133-143.	1.6	118
10	FAS Ligand Triggers Pulmonary Silicosis. <i>Journal of Experimental Medicine</i> , 2001, 194, 155-164.	8.5	106
11	Volume-Assured Pressure Support Ventilation (VAPSV). <i>Chest</i> , 1992, 102, 1225-1234.	0.8	101
12	High-Flow Nasal Interface Improves Oxygenation in Patients Undergoing Bronchoscopy. <i>Critical Care Research and Practice</i> , 2012, 2012, 1-6.	1.1	101
13	Recruitment maneuver in pulmonary and extrapulmonary experimental acute lung injury. <i>Critical Care Medicine</i> , 2008, 36, 1900-1908.	0.9	96
14	Effect of Corticosteroid on Lung Parenchyma Remodeling at an Early Phase of Acute Lung Injury. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2003, 168, 677-684.	5.6	94
15	Time course of lung parenchyma remodeling in pulmonary and extrapulmonary acute lung injury. <i>Journal of Applied Physiology</i> , 2006, 100, 98-106.	2.5	92
16	Lung Parenchyma Remodeling in a Murine Model of Chronic Allergic Inflammation. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2005, 171, 829-837.	5.6	88
17	In vivo anti-inflammatory action of eugenol on lipopolysaccharide-induced lung injury. <i>Journal of Applied Physiology</i> , 2010, 108, 845-851.	2.5	85
18	Positive end-expiratory pressure prevents lung mechanical stress caused by recruitment/derecruitment. <i>Journal of Applied Physiology</i> , 2005, 98, 53-61.	2.5	84

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19	Intratracheal instillation of coal and coal fly ash particles in mice induces DNA damage and translocation of metals to extrapulmonary tissues. <i>Science of the Total Environment</i> , 2018, 625, 589-599.	8.0	81
20	Pulmonary and extrapulmonary acute respiratory distress syndrome: are they different?. <i>Current Opinion in Critical Care</i> , 2005, 11, 10-17.	3.2	71
21	Comparative respiratory toxicity of particles produced by traffic and sugar cane burning. <i>Environmental Research</i> , 2008, 108, 35-41.	7.5	69
22	Methylprednisolone improves lung mechanics and reduces the inflammatory response in pulmonary but not in extrapulmonary mild acute lung injury in mice*. <i>Critical Care Medicine</i> , 2008, 36, 2621-2628.	0.9	69
23	Apoptosis Underlies Immunopathogenic Mechanisms in Acute Silicosis. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2002, 27, 78-84.	2.9	64
24	High-frequency percussive ventilation improves perioperatively clinical evolution in pulmonary resection*. <i>Critical Care Medicine</i> , 2009, 37, 1663-1669.	0.9	62
25	Panic disorder and social anxiety disorder subtypes in a caffeine challenge test. <i>Psychiatry Research</i> , 2009, 169, 149-153.	3.3	61
26	Eucalyptol attenuates cigarette smoke-induced acute lung inflammation and oxidative stress in the mouse. <i>Pulmonary Pharmacology and Therapeutics</i> , 2016, 41, 11-18.	2.6	61
27	Effects of microcystin-LR on mouse lungs. <i>Toxicol</i> , 2007, 50, 330-338.	1.6	55
28	P2X7 Receptor Modulates Inflammatory and Functional Pulmonary Changes Induced by Silica. <i>PLoS ONE</i> , 2014, 9, e110185.	2.5	55
29	Lung tissue mechanics and extracellular matrix composition in a murine model of silicosis. <i>Journal of Applied Physiology</i> , 2001, 90, 1400-1406.	2.5	54
30	Intrapulmonary percussive ventilation improves the outcome of patients with acute exacerbation of chronic obstructive pulmonary disease using a helmet*. <i>Critical Care Medicine</i> , 2006, 34, 2940-2945.	0.9	50
31	Lipopolysaccharide-induced lung injury: Role of P2X7 receptor. <i>Respiratory Physiology and Neurobiology</i> , 2011, 179, 314-325.	1.6	50
32	Biological effects of air pollution in São Paulo and Cubatão. <i>Environmental Research</i> , 1989, 49, 208-216.	7.5	48
33	Hyperinflation using pressure support ventilation improves secretion clearance and respiratory mechanics in ventilated patients with pulmonary infection: a randomised crossover trial. <i>Australian Journal of Physiotherapy</i> , 2009, 55, 249-254.	0.9	48
34	Long-term exposure to cigarette smoke impairs lung function and increases HMGB-1 expression in mice. <i>Respiratory Physiology and Neurobiology</i> , 2011, 177, 120-126.	1.6	47
35	Flutter valve improves respiratory mechanics and sputum production in patients with bronchiectasis. <i>Physiotherapy Research International</i> , 2012, 17, 12-20.	1.5	47
36	A three-year follow-up study of patients with the respiratory subtype of panic disorder after treatment with clonazepam. <i>Psychiatry Research</i> , 2005, 137, 61-70.	3.3	44

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37	Pulmonary lesion induced by low and high positive end-expiratory pressure levels during protective ventilation in experimental acute lung injury. <i>Critical Care Medicine</i> , 2009, 37, 1011-1017.	0.9	44
38	Respiratory panic disorder subtype: acute and long-term response to nortriptyline, a noradrenergic tricyclic antidepressant. <i>Psychiatry Research</i> , 2003, 120, 283-293.	3.3	43
39	Lung Mechanics and Histology During Sevoflurane Anesthesia in a Model of Chronic Allergic Asthma. <i>Anesthesia and Analgesia</i> , 2007, 104, 631-637.	2.2	43
40	Psychopathological Description of Hyperventilation-Induced Panic Attacks: A Comparison with Spontaneous Panic Attacks. <i>Psychopathology</i> , 2004, 37, 29-35.	1.5	42
41	Pre- and Postoperative Inspiratory Mechanics in Ischemic and Valvular Heart Disease. <i>Chest</i> , 1987, 92, 984-990.	0.8	40
42	Panic disorder respiratory subtype: A comparison between responses to hyperventilation and CO ₂ challenge tests. <i>Psychiatry Research</i> , 2008, 157, 307-310.	3.3	38
43	Redox markers and inflammation are differentially affected by atorvastatin, pravastatin or simvastatin administered before endotoxin-induced acute lung injury. <i>International Immunopharmacology</i> , 2013, 17, 57-64.	3.8	38
44	Double-blind acute clonazepam vs. placebo in carbon dioxide-induced panic attacks. <i>Psychiatry Research</i> , 2000, 94, 179-184.	3.3	37
45	What increases type III procollagen mRNA levels in lung tissue: stress induced by changes in force or amplitude?. <i>Respiratory Physiology and Neurobiology</i> , 2004, 144, 59-70.	1.6	37
46	Composition of Diesel Particles Influences Acute Pulmonary Toxicity: An Experimental Study in MICE. <i>Inhalation Toxicology</i> , 2008, 20, 1037-1042.	1.6	37
47	Comparison of rat and mouse pulmonary tissue mechanical properties and histology. <i>Journal of Applied Physiology</i> , 2002, 92, 230-234.	2.5	34
48	Psychopathological profile of 35% CO ₂ challenge test-induced panic attacks: a comparison with spontaneous panic attacks. <i>Comprehensive Psychiatry</i> , 2006, 47, 209-214.	3.1	34
49	Pulmonary morphofunctional effects of mechanical ventilation with high inspiratory air flow. <i>Critical Care Medicine</i> , 2008, 36, 232-239.	0.9	34
50	The anti-inflammatory and anti-oxidative actions of eugenol improve lipopolysaccharide-induced lung injury. <i>Respiratory Physiology and Neurobiology</i> , 2019, 259, 30-36.	1.6	34
51	Caffeine and 35% carbon dioxide challenge tests in panic disorder. <i>Human Psychopharmacology</i> , 2007, 22, 231-240.	1.5	33
52	Eugenol attenuates pulmonary damage induced by diesel exhaust particles. <i>Journal of Applied Physiology</i> , 2012, 112, 911-917.	2.5	33
53	Expiratory Mechanics Before and After Uncomplicated Heart Surgery. <i>Chest</i> , 1989, 95, 21-28.	0.8	32
54	Effects of undernutrition on respiratory mechanics and lung parenchyma remodeling. <i>Journal of Applied Physiology</i> , 2004, 97, 1888-1896.	2.5	32

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55	A caffeine challenge test in panic disorder patients, their healthy first-degree relatives, and healthy controls. <i>Depression and Anxiety</i> , 2008, 25, 847-853.	4.1	32
56	Hyperventilation challenge test in panic disorder and depression with panic attacks. <i>Psychiatry Research</i> , 2001, 105, 57-65.	3.3	31
57	Flow and volume dependence of respiratory system mechanics during constant flow ventilation in normal subjects and in adult respiratory distress syndrome. <i>Critical Care Medicine</i> , 1990, 18, 1080-1086.	0.9	30
58	35% Carbon dioxide and breath-holding challenge tests in panic disorder: a comparison with spontaneous panic attacks. <i>Depression and Anxiety</i> , 2006, 23, 236-244.	4.1	29
59	Prone position prevents regional alveolar hyperinflation and mechanical stress and strain in mild experimental acute lung injury. <i>Respiratory Physiology and Neurobiology</i> , 2009, 167, 181-188.	1.6	29
60	Pulmonary mechanics and lung histology in acute lung injury induced by <i>Bothrops jararaca</i> venom. <i>Respiratory Physiology and Neurobiology</i> , 2004, 139, 167-177.	1.6	27
61	Caffeine challenge test in panic disorder and depression with panic attacks. <i>Comprehensive Psychiatry</i> , 2007, 48, 257-263.	3.1	27
62	Effect of posture on ventilation and breathing pattern during room air breathing at rest. <i>Lung</i> , 1987, 165, 341-351.	3.3	26
63	Respiratory mechanics and lung histology in normal rats anesthetized with sevoflurane. <i>Journal of Applied Physiology</i> , 2001, 91, 803-810.	2.5	26
64	Can LASSBio 596 and dexamethasone treat acute lung and liver inflammation induced by microcystin-LR?. <i>Toxicon</i> , 2010, 56, 604-612.	1.6	25
65	Redox Imbalance and Pulmonary Function in Bleomycin-Induced Fibrosis in C57BL/6, DBA/2, and BALB/c Mice. <i>Toxicologic Pathology</i> , 2012, 40, 731-741.	1.8	25
66	Acute Exposure to Diesel-Biodiesel Particulate Matter Promotes Murine Lung Oxidative Stress by Nrf2/HO-1 and Inflammation Through the NF- κ B/TNF- α Pathways. <i>Inflammation</i> , 2019, 42, 526-537.	3.8	25
67	Frequency characteristics of lung tissue strip during passive stretch and induced pneumoconstriction. <i>Journal of Applied Physiology</i> , 2001, 91, 882-890.	2.5	24
68	Time course of respiratory mechanics and pulmonary structural remodelling in acute lung injury. <i>Respiratory Physiology and Neurobiology</i> , 2004, 143, 49-61.	1.6	24
69	The relationship between the severity of asthma and comorbidities with anxiety and depressive disorders. <i>Revista Brasileira De Psiquiatria</i> , 2006, 28, 206-208.	1.7	24
70	Respiratory manifestations of panic disorder: causes, consequences and therapeutic implications. <i>Jornal Brasileiro De Pneumologia</i> , 2009, 35, 698-708.	0.7	24
71	Respiratory system dynamical mechanical properties: modeling in time and frequency domain. <i>Biophysical Reviews</i> , 2011, 3, 71-84.	3.2	24
72	Comparison of Noninvasive Ventilation by Sequential Use of Mask and Helmet versus Mask in Acute Exacerbation of Chronic Obstructive Pulmonary Disease: A Preliminary Study. <i>Respiration</i> , 2011, 82, 148-154.	2.6	24

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73	Pulmonary function and histological impairment in mice after acute exposure to aluminum dust. <i>Inhalation Toxicology</i> , 2010, 22, 861-867.	1.6	23
74	Atorvastatin and Simvastatin Promoted Mouse Lung Repair After Cigarette Smoke-Induced Emphysema. <i>Inflammation</i> , 2017, 40, 965-979.	3.8	23
75	Anxiogenic properties of a computer simulation for panic disorder with agoraphobia. <i>Journal of Affective Disorders</i> , 2010, 125, 301-306.	4.1	21
76	Paraquat (PQ)-induced pulmonary fibrosis increases exercise metabolic cost, reducing aerobic performance in rats. <i>Journal of Toxicological Sciences</i> , 2009, 34, 671-679.	1.5	20
77	LASSBio 596 per os avoids pulmonary and hepatic inflammation induced by microcystin-LR. <i>Toxicon</i> , 2011, 58, 195-201.	1.6	20
78	Respiratory toxicity of repeated exposure to particles produced by traffic and sugar cane burning. <i>Respiratory Physiology and Neurobiology</i> , 2014, 191, 106-113.	1.6	20
79	Clinical features of respiratory and nocturnal panic disorder subtypes. <i>Psychiatry Research</i> , 2007, 152, 287-291.	3.3	19
80	Time-dependence of lung injury in mice acutely exposed to cylindrospermopsin. <i>Toxicon</i> , 2012, 60, 764-772.	1.6	19
81	COVID-19 Chest Computed Tomography to Stratify Severity and Disease Extension by Artificial Neural Network Computer-Aided Diagnosis. <i>Frontiers in Medicine</i> , 2020, 7, 577609.	2.6	18
82	Suture or Prosthetic Reconstruction of Experimental Diaphragmatic Defects. <i>Chest</i> , 2000, 117, 1443-1448.	0.8	17
83	Recruitment maneuver: RAMP versus CPAP pressure profile in a model of acute lung injury. <i>Respiratory Physiology and Neurobiology</i> , 2009, 169, 62-68.	1.6	17
84	Airway and Pulmonary Tissue Responses to Capsaicin in Guinea Pigs Assessed with the Alveolar Capsule Technique. <i>The American Review of Respiratory Disease</i> , 1993, 147, 466-470.	2.9	16
85	Hyperventilation in Panic Disorder and Social Phobia. <i>Psychopathology</i> , 2001, 34, 123-127.	1.5	16
86	Panic disorder in a breath-holding challenge test: a simple tool for a better diagnosis. <i>Arquivos De Neuro-Psiquiatria</i> , 2003, 61, 718-722.	0.8	16
87	Pulmonary and hepatic injury after sub-chronic exposure to sublethal doses of microcystin-LR. <i>Toxicon</i> , 2016, 112, 51-58.	1.6	16
88	Diurnal panic attacks with and without nocturnal panic attacks: are there some phenomenological differences?. <i>Revista Brasileira De Psiquiatria</i> , 2005, 27, 216-221.	1.7	16
89	Early carbon dioxide challenge test may predict clinical response in panic disorder. <i>Psychiatry Research</i> , 2002, 112, 269-272.	3.3	15
90	Panic disorder and obsessive compulsive disorder in a hyperventilation challenge test. <i>Journal of Affective Disorders</i> , 2002, 68, 335-340.	4.1	15

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91	Impact of lung remodelling on respiratory mechanics in a model of severe allergic inflammation. <i>Respiratory Physiology and Neurobiology</i> , 2008, 160, 239-248.	1.6	15
92	Gas distribution in a two-compartment model ventilated in high-frequency percussive and pressure-controlled modes. <i>Intensive Care Medicine</i> , 2010, 36, 2125-2131.	8.2	15
93	Can the Flutter Valve improve respiratory mechanics and sputum production in mechanically ventilated patients? A randomized crossover trial. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2011, 40, 545-553.	1.6	15
94	Early Short-Term Application of High-Frequency Percussive Ventilation Improves Gas Exchange in Hypoxemic Patients. <i>Respiration</i> , 2012, 84, 369-376.	2.6	15
95	End-tidal versus manually-controlled low-flow anaesthesia. <i>Journal of Clinical Monitoring and Computing</i> , 2014, 28, 117-121.	1.6	15
96	The role of sphingolipid metabolism disruption on lipopolysaccharide-induced lung injury in mice. <i>Pulmonary Pharmacology and Therapeutics</i> , 2018, 50, 100-110.	2.6	15
97	A breath-holding challenge in panic disorder patients, their healthy first-degree relatives, and normal controls. <i>Respiratory Physiology and Neurobiology</i> , 2002, 133, 43-47.	1.6	14
98	On the preparation of lung strip for tissue mechanics measurement. <i>Respiratory Physiology and Neurobiology</i> , 2003, 134, 255-262.	1.6	14
99	Comparison between hyperventilation and breath-holding in panic disorder: Patients responsive and non-responsive to both tests. <i>Psychiatry Research</i> , 2006, 142, 201-208.	3.3	14
100	Antispasmodic effects of eugenol on rat airway smooth muscle. <i>Fundamental and Clinical Pharmacology</i> , 2011, 25, 690-699.	1.9	14
101	Endotoxin-induced acute lung injury is dependent upon oxidative response. <i>Inhalation Toxicology</i> , 2011, 23, 918-926.	1.6	14
102	Positive End-Expiratory Pressure and Variable Ventilation in Lung-Healthy Rats under General Anesthesia. <i>PLoS ONE</i> , 2014, 9, e110817.	2.5	14
103	Repeated intranasal exposure to microcystin-LR affects lungs but not nasal epithelium in mice. <i>Toxicon</i> , 2015, 104, 14-18.	1.6	14
104	Inflammatory and Oxidative Stress Markers in Experimental Allergic Asthma. <i>Inflammation</i> , 2017, 40, 1166-1176.	3.8	14
105	Respiratory system mechanics in guinea pigs after acute hemorrhage. <i>Critical Care Medicine</i> , 1990, 18, 515-519.	0.9	13
106	Respiratory Mechanics After Prosthetic Reconstruction of the Chest Wall in Normal Rats. <i>Chest</i> , 1998, 113, 1667-1672.	0.8	13
107	Nocturnal panic attacks. <i>Arquivos De Neuro-Psiquiatria</i> , 2002, 60, 717-720.	0.8	13
108	Volume-Independent Elastance. <i>Anesthesia and Analgesia</i> , 2013, 116, 627-633.	2.2	12

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109	Liquid- and Air-Filled Catheters without Balloon as an Alternative to the Air-Filled Balloon Catheter for Measurement of Esophageal Pressure. <i>PLoS ONE</i> , 2014, 9, e103057.	2.5	12
110	Bone Marrow-Derived Mononuclear Cell Therapy in Papain-Induced Experimental Pulmonary Emphysema. <i>Frontiers in Physiology</i> , 2018, 9, 121.	2.8	12
111	Ventilaç�o mec�nica com baixo volume corrente e estresse oxidativo em pulm�es saud�veis de camundongos. <i>Jornal Brasileiro De Pneumologia</i> , 2012, 38, 98-104.	0.7	12
112	Vagal influences on respiratory mechanics, pressures, and control in rats. <i>Respiration Physiology</i> , 1988, 73, 43-53.	2.7	11
113	Carbon dioxide test as an additional clinical measure of treatment response in panic disorder. <i>Arquivos De Neuro-Psiquiatria</i> , 2002, 60, 358-361.	0.8	11
114	Carbon Dioxide Test in Respiratory Panic Disorder Subtype. <i>Canadian Journal of Psychiatry</i> , 2002, 47, 685-686.	1.9	11
115	Mouse strain dependence of lung tissue mechanics: Role of specific extracellular matrix composition. <i>Respiratory Physiology and Neurobiology</i> , 2006, 152, 186-196.	1.6	11
116	N-(2-mercaptopropionyl)-glycine but not Allopurinol prevented cigarette smoke-induced alveolar enlargement in mouse. <i>Respiratory Physiology and Neurobiology</i> , 2011, 175, 322-330.	1.6	11
117	Time course of pulmonary burden in mice exposed to residual oil fly ash. <i>Frontiers in Physiology</i> , 2014, 5, 366.	2.8	11
118	Papain-induced experimental pulmonary emphysema in male and female mice. <i>Respiratory Physiology and Neurobiology</i> , 2014, 200, 90-96.	1.6	11
119	Investigating the therapeutic effects of LASSBio-596 in an in vivo model of cylindrospermopsin-induced lung injury. <i>Toxicol</i> , 2015, 94, 29-35.	1.6	11
120	Effects of dexmedetomidine on respiratory mechanics and control of breathing in normal rats. <i>Respiratory Physiology and Neurobiology</i> , 2006, 154, 342-350.	1.6	10
121	Influence of lung mechanical properties and alveolar architecture on the pathogenesis of ischemia-reperfusion injury. <i>Interactive Cardiovascular and Thoracic Surgery</i> , 2010, 11, 46-51.	1.1	10
122	The influence of 5-lipoxygenase on cigarette smoke-induced emphysema in mice. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2014, 1840, 199-208.	2.4	10
123	Biomechanical Response of Lung Epithelial Cells to Iron Oxide and Titanium Dioxide Nanoparticles. <i>Frontiers in Physiology</i> , 2019, 10, 1047.	2.8	10
124	Effects of Thoracotomy on Respiratory System, Lung, and Chest Wall Mechanics. <i>Chest</i> , 1993, 104, 1882-1886.	0.8	9
125	Effects of viscoelasticity on volume distribution in a two-compartmental model of normal and sick lungs. <i>Physiological Measurement</i> , 2005, 26, 13-28.	2.1	9
126	Carbon dioxide-induced panic attacks and quantitative electroencephalogram in panic disorder patients. <i>World Journal of Biological Psychiatry</i> , 2010, 11, 357-363.	2.6	9

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127	Variable Ventilation Associated With Recruitment Maneuver Minimizes Tissue Damage and Pulmonary Inflammation in Anesthetized Lung-Healthy Rats. <i>Anesthesia and Analgesia</i> , 2018, 127, 784-791.	2.2	9
128	A comparison between the isovolume and the end-inflation occlusion methods for measurement of lung mechanics in rats. <i>Journal of Applied Toxicology</i> , 1991, 11, 79-84.	2.8	8
129	Thoracic percussion yields reversible mechanical changes in healthy subjects. <i>European Journal of Applied Physiology</i> , 2008, 104, 601-607.	2.5	8
130	Time-dependency of mice lung recovery after a 4-week exposure to traffic or biomass air pollutants. <i>Respiratory Physiology and Neurobiology</i> , 2016, 230, 16-21.	1.6	8
131	P2Y12 Receptor Antagonist Clopidogrel Attenuates Lung Inflammation Triggered by Silica Particles. <i>Frontiers in Pharmacology</i> , 2020, 11, 301.	3.5	8
132	Panic disorder respiratory subtype: psychopathology and challenge tests – an update. <i>Revista Brasileira De Psiquiatria</i> , 2020, 42, 420-430.	1.7	8
133	Isolation of Mitochondria From Fresh Mice Lung Tissue. <i>Frontiers in Physiology</i> , 2021, 12, 748261.	2.8	8
134	The Effect of Experimental Pleurodesis Caused by Aluminum Hydroxide on Lung and Chest Wall Mechanics. <i>Lung</i> , 2001, 179, 293-303.	3.3	7
135	Clonidine in respiratory panic disorder subtype. <i>Arquivos De Neuro-Psiquiatria</i> , 2004, 62, 396-398.	0.8	7
136	Residual oil fly ash worsens pulmonary hyperreactivity in chronic allergic mice. <i>Respiratory Physiology and Neurobiology</i> , 2011, 179, 151-157.	1.6	7
137	Respiratory mechanics in COPD patients who failed non-invasive ventilation: Role of intrinsic PEEP. <i>Respiratory Physiology and Neurobiology</i> , 2012, 184, 35-40.	1.6	7
138	2,2'-Azobis (2-Amidinopropane) Dihydrochloride Is a Useful Tool to Impair Lung Function in Rats. <i>Frontiers in Physiology</i> , 2016, 7, 475.	2.8	7
139	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
140	Eugenol mitigated acute lung but not spermatocidal toxicity of C60 fullerene emulsion in mice. <i>Environmental Pollution</i> , 2021, 269, 116188.	7.5	7
141	Evoked bronchoconstriction: testing three methods for measuring respiratory mechanics. <i>Respiration Physiology</i> , 1989, 77, 41-53.	2.7	6
142	Antispasmodic effects of a new kaurene diterpene isolated from <i>Croton argyrophylloides</i> on rat airway smooth muscle. <i>Journal of Pharmacy and Pharmacology</i> , 2012, 64, 1155-1164.	2.4	6
143	The Panic Disorder Respiratory Ratio: A Dimensional Approach to the Respiratory Subtype. <i>Revista Brasileira De Psiquiatria</i> , 2013, 35, 57-62.	1.7	6
144	In vitro estimation of pressure drop across tracheal tubes during high-frequency percussive ventilation. <i>Physiological Measurement</i> , 2014, 35, 177-188.	2.1	6

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145	Pulmonary functional and morphological damage after exposure to tripoli dust. <i>Respiratory Physiology and Neurobiology</i> , 2014, 196, 17-24.	1.6	6
146	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. <i>Lung</i> , 2018, 196, 335-342.	3.3	6
147	Lung and liver responses to 1- and 7-day treatments with LASSBio-596 in mice subchronically intoxicated by microcystin-LR. <i>Toxicon</i> , 2018, 141, 1-8.	1.6	6
148	Flow and Volume Dependence of Respiratory Mechanics in Anesthetized Children. <i>Pediatric Research</i> , 1999, 46, 419-419.	2.3	6
149	Acute exposure to C60 fullerene damages pulmonary mitochondrial function and mechanics. <i>Nanotoxicology</i> , 2021, 15, 352-365.	3.0	6
150	Combining lung-protective strategies in experimental acute lung injury: The impact of high-frequency partial liquid ventilation. <i>Pediatric Critical Care Medicine</i> , 2006, 7, 562-570.	0.5	5
151	Effects of different nutritional support on lung mechanics and remodelling in undernourished rats. <i>Respiratory Physiology and Neurobiology</i> , 2008, 160, 54-64.	1.6	5
152	Does the use of recombinant AAV2 in pulmonary gene therapy damage lung function?. <i>Respiratory Physiology and Neurobiology</i> , 2008, 160, 91-98.	1.6	5
153	Gas distribution in a two-compartment model during volume or pressure ventilation: Role of elastic elements. <i>Respiratory Physiology and Neurobiology</i> , 2010, 171, 225-231.	1.6	5
154	On the crucial ventilatory setting adjustment from two- to one-lung ventilation. <i>Respiratory Physiology and Neurobiology</i> , 2011, 179, 198-204.	1.6	5
155	FLOW-i ventilator performance in the presence of a circle system leak. <i>Journal of Clinical Monitoring and Computing</i> , 2017, 31, 273-280.	1.6	5
156	<i>Escherichia coli</i> lipopolysaccharide induces alveolar epithelial cell stiffening. <i>Journal of Biomechanics</i> , 2019, 83, 315-318.	2.1	5
157	Automatic Quantification of Interstitial Lung Disease From Chest Computed Tomography in Systemic Sclerosis. <i>Frontiers in Medicine</i> , 2020, 7, 577739.	2.6	5
158	Acute cylindrospermopsin exposure: Pulmonary and liver harm and mitigation by dexamethasone. <i>Toxicon</i> , 2021, 191, 18-24.	1.6	5
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