Matteo M Pecchiari

List of Publications by Year
in descending order

50	1,003	471061 17	433756 31
papers	citations	h-index	g-index

50	50	50	807
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Plethysmographic assessment of tidal expiratory flow limitation. Respiratory Physiology and Neurobiology, 2022, 296, 103801.	0.7	1
2	Cardiovascular Responses During Sepsis. , 2021, 11, 1605-1652.		6
3	Diagnostic Insights from Plethysmographic Alveolar Pressure Assessed during Spontaneous Breathing in COPD Patients. Diagnostics, 2021, 11, 918.	1.3	5
4	Heliox administration in anesthetized rabbits with spontaneous inspiratory flow limitation. Journal of Applied Physiology, 2021, 130, 1496-1509.	1.2	0
5	The funny current: Even funnier than 40 years ago. Uncanonical expression and roles of HCN/f channels all over the body. Progress in Biophysics and Molecular Biology, 2021, 166, 189-204.	1.4	13
6	The development of various forms of lung injury with increasing tidal volume in normal rats. Respiratory Physiology and Neurobiology, 2020, 274, 103369.	0.7	1
7	Tidal expiratory flow limitation induces expiratory looping of the alveolar pressure-flow relation in COPD patients. Journal of Applied Physiology, 2020, 129, 75-83.	1.2	11
8	The Relevance of Targeting Treatment to Small Airways in Asthma and COPD. Respiratory Care, 2020, 65, 1392-1412.	0.8	27
9	Closing volume predicts the FEV1 response to bronchodilators in patients with COPD. , 2020, , .		0
10	The Airwaysâ€™ Mechanical Stress in Lung Disease: Implications for COPD Pathophysiology and Treatment Evaluation. Canadian Respiratory Journal, 2019, 2019, 1-8.	0.8	8
11	Expiratory flow-limitation in mechanically ventilated patients: A risk for ventilator-induced lung injury?. World Journal of Critical Care Medicine, 2019, 8, 1-8.	0.8	10
12	Standard and viscoelastic mechanical properties of respiratory system compartments in dogs: Effect of volume, posture, and shape. Respiratory Physiology and Neurobiology, 2019, 261, 31-39.	0.7	4
13	Lung Microbiome in Asthma: Current Perspectives. Journal of Clinical Medicine, 2019, 8, 1967.	1.0	51
14	Origin of the expiratory looping in the alveolar pressure - flow relation in stable COPD patients at rest. , 2019, , .		0
15	Limiting Factors in Walking Performance of Subjects With COPD. Respiratory Care, 2018, 63, 301-310.	0.8	19
16	Plethysmographic Loops: A Window on the Lung Pathophysiology of COPD Patients. Frontiers in Physiology, 2018, 9, 484.	1.3	12
17	Understanding at-risk subgroups for lungÂfunction impairment in life-long nonsmokers with Î±1-antitrypsin deficiency. European Respiratory Journal, 2017, 49, 1700114.	3.1	1
18	HCN3 Channel Expression in Human Leukocytes. Biophysical Journal, 2017, 112, 415a.	0.2	0

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19	Acute effects of long-acting bronchodilators on small airways detected in COPD patients by single-breath N₂ test and lung P-V curve. Journal of Applied Physiology, 2017, 123, 1266-1275.	1.2	25
20	Plethysmographic measurement of intrinsic PEEP in stable COPD patients at rest. , 2017, , .		0
21	Improvements in Lung Diffusion Capacity following Pulmonary Rehabilitation in COPD with and without Ventilation Inhomogeneity. Respiration, 2016, 92, 295-307.	1.2	22
22	Airway occlusion assessed by single breath N 2 test and lung P-V curve in healthy subjects and COPD patients. Respiratory Physiology and Neurobiology, 2016, 234, 60-68.	0.7	22
23	Friction and morphology of pleural mesothelia. Respiratory Physiology and Neurobiology, 2016, 220, 17-24.	0.7	4
24	Assessment of acute bronchodilator effects from specific airway resistance changes in stable COPD patients. Respiratory Physiology and Neurobiology, 2014, 197, 36-45.	0.7	38
25	Effects of Various Modes of Mechanical Ventilation in Normal Rats. Anesthesiology, 2014, 120, 943-950.	1.3	14
26	Esophageal pressure as an estimate of average pleural pressure with lung or chest distortion in rats. Respiratory Physiology and Neurobiology, 2013, 186, 229-235.	0.7	10
27	Mixed lubrication after rewetting of blotted pleural mesothelium. Respiratory Physiology and Neurobiology, 2013, 185, 369-373.	0.7	10
28	Effects of Heliox in Stable COPD Patients at Rest and during Exercise. Pulmonary Medicine, 2012, 2012, 1-7.	0.5	3
29	Plasma membrane disruptions with different modes of injurious mechanical ventilation in normal rat lungs*. Critical Care Medicine, 2012, 40, 869-875.	0.4	14
30	Lubricating effect of sialomucin and hyaluronan on pleural mesothelium. Respiratory Physiology and Neurobiology, 2012, 180, 34-39.	0.7	10
31	Maintaining end-expiratory transpulmonary pressure prevents worsening of ventilator-induced lung injury caused by chest wall constriction in surfactant-depleted rats*. Critical Care Medicine, 2010, 38, 2358-2364.	0.4	34
32	Motor control of the diaphragm in anesthetized rabbits. Respiratory Physiology and Neurobiology, 2010, 170, 141-149.	0.7	15
33	Effect of heliox breathing on flow limitation in chronic heart failure patients. European Respiratory Journal, 2009, 33, 1367-1373.	3.1	10
34	Expiratory flow-limitation and heliox breathing in resting and exercising COPD patients. Respiratory Physiology and Neurobiology, 2009, 169, 291-296.	0.7	17
35	The fall in exhaled nitric oxide with ventilation at low lung volumes in rabbits: An index of small airway injury. Respiratory Physiology and Neurobiology, 2008, 160, 215-223.	0.7	14
36	Pathophysiology of Chronic Obstructive Pulmonary Disease. Current Respiratory Medicine Reviews, 2008, 4, 250-257.	0.1	2

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37	Cytokine release, small airway injury, and parenchymal damage during mechanical ventilation in normal open-chest rats. Journal of Applied Physiology, 2008, 104, 41-49.	1.2	50
38	Heliumâ€“oxygen ventilation in the presence of expiratory flow-limitation: A model study. Respiratory Physiology and Neurobiology, 2007, 157, 326-334.	0.7	18
39	Dependence of lung injury on surface tension during low-volume ventilation in normal open-chest rabbits. Journal of Applied Physiology, 2007, 102, 174-182.	1.2	46
40	Effects of mechanical ventilation at low lung volume on respiratory mechanics and nitric oxide exhalation in normal rabbits. Journal of Applied Physiology, 2005, 99, 433-444.	1.2	59
41	Reversibility of Airflow Obstruction by Hypoglossus Nerve Stimulation in Anesthetized Rabbits. American Journal of Respiratory and Critical Care Medicine, 2005, 172, 606-612.	2.5	25
42	Friction and lubrication of pleural tissues. Respiratory Physiology and Neurobiology, 2004, 142, 55-68.	0.7	38
43	Effect of Heliox Breathing on Dynamic Hyperinflation in COPD Patients. Chest, 2004, 125, 2075-2082.	0.4	38
44	Dependence of lung injury on inflation rate during low-volume ventilation in normal open-chest rabbits. Journal of Applied Physiology, 2004, 97, 260-268.	1.2	80
45	Lung-deflating ability of rib cage and abdominal muscles in rabbits. Respiratory Physiology and Neurobiology, 2003, 135, 17-24.	0.7	7
46	Bronchodilation test in COPD: effect of inspiratory manoeuvre preceding forced expiration. European Respiratory Journal, 2003, 21, 82-85.	3.1	15
47	Pulmonary Dysfunction in Transfusion-dependent Patients with Thalassemia Major. American Journal of Respiratory and Critical Care Medicine, 2003, 168, 180-184.	2.5	45
48	Low-volume ventilation causes peripheral airway injury and increased airway resistance in normal rabbits. Journal of Applied Physiology, 2002, 92, 949-956.	1.2	130
49	Effects of abdominal distension on breathing pattern and respiratory mechanics in rabbits. Respiratory Physiology and Neurobiology, 2002, 130, 293-304.	0.7	17
50	Factors influencing the shape of the inspiratory flow. Respiration Physiology, 2001, 126, 211-219.	2.8	2