

Renato Prediletto

List of Publications by Year in descending order

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38
papers

3,000
citations

430843

18
h-index

330122

37
g-index

39
all docs

39
docs citations

39
times ranked

1905
citing authors

#	ARTICLE	IF	CITATIONS
1	Stress failure in pulmonary capillaries. Journal of Applied Physiology, 1991, 70, 1731-1742.	2.5	477
2	Contribution of exercising legs to the slow component of oxygen uptake kinetics in humans. Journal of Applied Physiology, 1991, 71, 1245-1260.	2.5	357
3	Value of perfusion lung scan in the diagnosis of pulmonary embolism: results of the Prospective Investigative Study of Acute Pulmonary Embolism Diagnosis (PISA-PED).. American Journal of Respiratory and Critical Care Medicine, 1996, 154, 1387-1393.	5.6	319
4	Accuracy of Clinical Assessment in the Diagnosis of Pulmonary Embolism. American Journal of Respiratory and Critical Care Medicine, 1999, 159, 864-871.	5.6	315
5	High lung volume increases stress failure in pulmonary capillaries. Journal of Applied Physiology, 1992, 73, 123-133.	2.5	296
6	Ultrastructural appearances of pulmonary capillaries at high transmural pressures. Journal of Applied Physiology, 1991, 71, 573-582.	2.5	235
7	Value of transthoracic echocardiography in the diagnosis of pulmonary embolism: results of a prospective study in unselected patients. American Journal of Medicine, 2001, 110, 528-535.	1.5	201
8	Short-term reversibility of ultrastructural changes in pulmonary capillaries caused by stress failure. Journal of Applied Physiology, 1992, 73, 1150-1158.	2.5	110
9	Relationship between body and leg VO ₂ during maximal cycle ergometry. Journal of Applied Physiology, 1992, 73, 1114-1121.	2.5	107
10	Physical Mechanisms Providing Clinical Information From Ultrasound Lung Images: Hypotheses and Early Confirmations. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2020, 67, 612-623.	3.0	77
11	Mechanisms of hypoxemia and hypocapnia in pulmonary embolism.. American Journal of Respiratory and Critical Care Medicine, 1995, 152, 336-347.	5.6	73
12	Prevalence of respiratory symptoms in an unpolluted area of northern Italy. European Respiratory Journal, 1988, 1, 311-8.	6.7	63
13	Natural Course of Treated Pulmonary Embolism. Chest, 1990, 97, 554-561.	0.8	61
14	Reference values for vital capacity and flow-volume curves from a general population study. Bulletin Europ�en De Physiopathologie Respiratoire, 1986, 22, 451-9.	0.1	48
15	Quantitative Lung Ultrasound Spectroscopy Applied to the Diagnosis of Pulmonary Fibrosis: The First Clinical Study. IEEE Transactions on Ultrasonics, Ferroelectrics, and Frequency Control, 2020, 67, 2265-2273.	3.0	45
16	Ventilation-perfusion relationships in the lung during head-out water immersion. Journal of Applied Physiology, 1992, 72, 64-72.	2.5	32
17	Single Breath Nitrogen Test in an Epidemiologic Survey in North Italy. Chest, 1988, 93, 1213-1220.	0.8	24
18	Effects of childhood and adolescence-adulthood respiratory infections in a general population. European Respiratory Journal, 1989, 2, 428-36.	6.7	23

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19	Carbogen and nicotinamide combined with unconventional radiotherapy in glioblastoma multiforme: A new modality treatment. <i>International Journal of Radiation Oncology Biology Physics</i> , 1997, 37, 499-504.	0.8	18
20	Initial tadalafil and ambrisentan combination therapy in pulmonary arterial hypertension. <i>Journal of Cardiovascular Medicine</i> , 2018, 19, 12-17.	1.5	16
21	Relationship among cardiac output, shunt, and inspired O ₂ concentration. <i>Journal of Applied Physiology</i> , 1991, 71, 2191-2197.	2.5	15
22	Diagnostic value of gas exchange tests in patients with clinical suspicion of pulmonary embolism. <i>Critical Care</i> , 1999, 3, 111.	5.8	14
23	Non-invasive diagnosis of pulmonary embolism. <i>International Journal of Cardiology</i> , 1998, 65, S83-S86.	1.7	11
24	Carbogen Breathing in Patients with Glioblastoma Multiforme Submitted to Radiotherapy Assessment of gas Exchange Parameters. <i>Acta Oncologica</i> , 1994, 33, 807-811.	1.8	10
25	Echocardiography and the clinical diagnosis of left ventricular dysfunction. <i>Acta Cardiologica</i> , 2008, 63, 507-513.	0.9	10
26	Assessment of the alveolar volume when sampling exhaled gas at different expired volumes in the single breath diffusion test. <i>BMC Pulmonary Medicine</i> , 2007, 7, 18.	2.0	7
27	The assessment of gas exchange by automated analysis of O ₂ and CO ₂ alveolar to arterial differences. <i>Journal of Clinical Monitoring and Computing</i> , 1986, 3, 89-97.	0.3	6
28	Cardiac tamponade due to apixaban therapy in patient with unknown pericardial hemangioma. <i>Internal and Emergency Medicine</i> , 2018, 13, 297-299.	2.0	6
29	Improved survival in patients with inoperable chronic thromboembolic pulmonary hypertension. <i>Internal and Emergency Medicine</i> , 2013, 8, 307-316.	2.0	5
30	Time course of carbon monoxide transfer factor after breath-hold diving. <i>Undersea and Hyperbaric Medicine</i> , 2009, 36, 93-101.	0.3	4
31	Preliminary observations on the effect of hypoxic and hyperbaric stress on pulmonary gas exchange in breath-hold divers. <i>Diving and Hyperbaric Medicine</i> , 2011, 41, 97-100.	0.5	3
32	Operative Use of Thoracic Ultrasound in Respiratory Medicine: A Clinical Study. <i>Diagnostics</i> , 2022, 12, 952.	2.6	3
33	Ventilation-perfusion heterogeneity and gas exchange variables in acute pulmonary embolism evaluated by two different computerized techniques. <i>Journal of Clinical Monitoring and Computing</i> , 1988, 5, 221-227.	0.3	2
34	Improved survival in limited scleroderma-related pulmonary artery hypertension. <i>Internal and Emergency Medicine</i> , 2014, 9, 385-396.	2.0	2
35	Role of the chest radiograph in the preoperative assessment of the pulmonary function in patients with cirrhosis candidates to liver transplant. <i>Radiologia Medica</i> , 2004, 108, 320-34.	7.7	2
36	Time Course of DLNO/Dlco Diffusion After Induced Hypoxic and Hyperbaric Stress in Breath-Hold Divers. <i>Chest</i> , 2010, 138, 561A.	0.8	1

#	ARTICLE	IF	CITATIONS
37	Differentiation of Pulmonary Fibrosis by Means of Quantitative Lung Ultrasound Spectroscopy, First Clinical Study in Humans. , 2020, , .		1
38	Is There Still Any Role for Impulse Oscillometric Lung Function in Clinical Practice in Detecting Small Airways Abnormalities in Asthma?. Chest, 2014, 146, 3A.	0.8	0