

Adriano R Tonelli

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

118 papers	1,662 citations	23 h-index	35 g-index
136 ext. papers	2,030 ext. citations	4.4 avg, IF	5.03 L-index

#	Paper	IF	Citations
118	Causes and circumstances of death in pulmonary arterial hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013 , 188, 365-9	10.2	138
117	Effects of interventions on survival in acute respiratory distress syndrome: an umbrella review of 159 published randomized trials and 29 meta-analyses. <i>Intensive Care Medicine</i> , 2014 , 40, 769-87	14.5	91
116	Pulmonary vasodilator testing and use of calcium channel blockers in pulmonary arterial hypertension. <i>Respiratory Medicine</i> , 2010 , 104, 481-96	4.6	74
115	Right ventricular echocardiographic parameters are associated with mortality after acute pulmonary embolism. <i>Journal of the American Society of Echocardiography</i> , 2015 , 28, 355-62	5.8	59
114	Toxicity risk from glucocorticoids in sarcoidosis patients. <i>Respiratory Medicine</i> , 2017 , 132, 9-14	4.6	58
113	Nitric oxide deficiency in pulmonary hypertension: Pathobiology and implications for therapy. <i>Pulmonary Circulation</i> , 2013 , 3, 20-30	2.7	57
112	Prevalence and prognostic value of left ventricular diastolic dysfunction in idiopathic and heritable pulmonary arterial hypertension. <i>Chest</i> , 2012 , 141, 1457-1465	5.3	57
111	Significance of main pulmonary artery dilation on imaging studies. <i>Annals of the American Thoracic Society</i> , 2014 , 11, 1623-32	4.7	45
110	Alpha-1-antitrypsin augmentation therapy in deficient individuals enrolled in the Alpha-1 Foundation DNA and Tissue Bank. <i>International Journal of COPD</i> , 2009 , 4, 443-52	3	43
109	Clinical characterization and survival of patients with borderline elevation in pulmonary artery pressure. <i>Pulmonary Circulation</i> , 2013 , 3, 916-25	2.7	42
108	Prevalence of pulmonary hypertension in end-stage cystic fibrosis and correlation with survival. <i>Journal of Heart and Lung Transplantation</i> , 2010 , 29, 865-72	5.8	39
107	State of the evidence: mechanical ventilation with PEEP in patients with cardiogenic shock. <i>Heart</i> , 2013 , 99, 1812-7	5.1	38
106	Augmentation therapy in alpha-1 antitrypsin deficiency: advances and controversies. <i>Therapeutic Advances in Respiratory Disease</i> , 2010 , 4, 289-312	4.9	38
105	Breath analysis in pulmonary arterial hypertension. <i>Chest</i> , 2014 , 145, 551-558	5.3	35
104	Rituximab-induced hypersensitivity pneumonitis. <i>Respiration</i> , 2009 , 78, 225-9	3.7	30
103	Value of impedance cardiography in patients studied for pulmonary hypertension. <i>Lung</i> , 2011 , 189, 369-75	2.5	28
102	A review of imaging modalities in pulmonary hypertension. <i>Annals of Thoracic Medicine</i> , 2017 , 12, 61-73	2.2	28

101	Sublingual microcirculation in pulmonary arterial hypertension. <i>Annals of the American Thoracic Society</i> , 2014 , 11, 504-12	4.7	27
100	Partial anomalous pulmonary venous connection and pulmonary arterial hypertension. <i>Respirology</i> , 2012 , 17, 957-63	3.6	26
99	Pericardial effusion in pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2013 , 3, 467-77	2.7	26
98	Effect of balloon inflation volume on pulmonary artery occlusion pressure in patients with and without pulmonary hypertension. <i>Chest</i> , 2011 , 139, 115-21	5.3	26
97	Non-invasive screening for pulmonary hypertension in idiopathic pulmonary fibrosis. <i>Respiratory Medicine</i> , 2016 , 117, 65-72	4.6	25
96	Prognostic value of echocardiographic changes in patients with pulmonary arterial hypertension receiving parenteral prostacyclin therapy. <i>Journal of the American Society of Echocardiography</i> , 2014 , 27, 733-741.e2	5.8	23
95	Treatment Barriers in Portopulmonary Hypertension. <i>Hepatology</i> , 2019 , 69, 431-443	11.2	21
94	Erythromycin improves gastric emptying half-time in adult cystic fibrosis patients with gastroparesis. <i>Journal of Cystic Fibrosis</i> , 2009 , 8, 193-7	4.1	21
93	Electrocardiography at diagnosis and close to the time of death in pulmonary arterial hypertension. <i>Annals of Noninvasive Electrocardiology</i> , 2014 , 19, 258-65	1.5	20
92	Peripheral pulmonary artery stenosis as a cause of pulmonary hypertension in adults. <i>Pulmonary Circulation</i> , 2015 , 5, 204-10	2.7	19
91	Pulmonary hypertension survival effects and treatment options in cystic fibrosis. <i>Current Opinion in Pulmonary Medicine</i> , 2013 , 19, 652-61	3	18
90	Bronchiectasis, a long-term sequela of ammonia inhalation: a case report and review of the literature. <i>Burns</i> , 2009 , 35, 451-3	2.3	17
89	Leptin levels predict survival in pulmonary arterial hypertension. <i>Pulmonary Circulation</i> , 2012 , 2, 214-9	2.7	16
88	Predictors of mortality after transjugular portosystemic shunt. <i>World Journal of Hepatology</i> , 2016 , 8, 520-9	3.4	16
87	Microvascular involvement in systemic sclerosis and systemic lupus erythematosus. <i>Microcirculation</i> , 2019 , 26, e12440	2.9	16
86	Compression of adjacent anatomical structures by pulmonary artery dilation. <i>Postgraduate Medicine</i> , 2016 , 128, 451-9	3.7	15
85	Palliative care in pulmonary arterial hypertension: an underutilised treatment. <i>European Respiratory Review</i> , 2018 , 27,	9.8	15
84	Right atrial pressure/pulmonary artery wedge pressure ratio: A more specific predictor of survival in pulmonary arterial hypertension. <i>Journal of Heart and Lung Transplantation</i> , 2016 , 35, 760-7	5.8	14

83	Geometry of the randomized evidence for treatments of pulmonary hypertension. <i>Cardiovascular Therapeutics</i> , 2013 , 31, e138-46	3.3	14
82	Breath Metabolomics Provides an Accurate and Noninvasive Approach for Screening Cirrhosis, Primary, and Secondary Liver Tumors. <i>Hepatology Communications</i> , 2020 , 4, 1041-1055	6	14
81	Management of Pulmonary Arterial Hypertension in Patients with Systemic Sclerosis. <i>Integrated Blood Pressure Control</i> , 2020 , 13, 15-29	3.5	13
80	Comparison of Different Methods to Estimate Cardiac Index in Pulmonary Arterial Hypertension. <i>Circulation</i> , 2019 , 140, 705-707	16.7	13
79	Saudi Guidelines on the Diagnosis and Treatment of Pulmonary Hypertension: Perioperative management in patients with pulmonary hypertension. <i>Annals of Thoracic Medicine</i> , 2014 , 9, S98-S107	2.2	12
78	Subcutaneous to intravenous prostacyclin analog transition in pulmonary hypertension. <i>Journal of Cardiovascular Pharmacology</i> , 2014 , 63, 4-8	3.1	12
77	Leptin deficiency recapitulates the histological features of pulmonary arterial hypertension in mice. <i>International Journal of Clinical and Experimental Pathology</i> , 2014 , 7, 1935-46	1.4	12
76	Serum Chloride Levels Track With Survival in Patients With Pulmonary Arterial Hypertension. <i>Chest</i> , 2018 , 154, 541-549	5.3	12
75	Treprostinil Iontophoresis in Idiopathic Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2015 , 192, 1014-6	10.2	11
74	Lung transplantation in chronic obstructive pulmonary disease: patient selection and special considerations. <i>International Journal of COPD</i> , 2015 , 10, 2137-46	3	11
73	Congenital heart disease and pulmonary hypertension. <i>Heart Failure Clinics</i> , 2012 , 8, 427-45	3.3	11
72	Value of impedance cardiography during 6-minute walk test in pulmonary hypertension. <i>Clinical and Translational Science</i> , 2013 , 6, 474-80	4.9	11
71	What is the best approach to a high systolic pulmonary artery pressure on echocardiography?. <i>Cleveland Clinic Journal of Medicine</i> , 2016 , 83, 256-60	2.8	11
70	Hypoxemia in patients with idiopathic or heritable pulmonary arterial hypertension. <i>PLoS ONE</i> , 2018 , 13, e0191869	3.7	10
69	Seizures as the first manifestation of chromosome 22q11.2 deletion syndrome in a 40-year old man: a case report. <i>Journal of Medical Case Reports</i> , 2007 , 1, 167	1.2	10
68	Pulse Oximetry and Arterial Oxygen Saturation during Cardiopulmonary Exercise Testing. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 1992-1997	1.2	10
67	Evaluation of left ventricular diastolic function profile in patients with pulmonary hypertension due to heart failure with preserved ejection fraction. <i>Clinical Cardiology</i> , 2017 , 40, 356-363	3.3	9
66	Effect of Age on Phenotype and Outcomes in Pulmonary Arterial Hypertension Trials. <i>Chest</i> , 2016 , 149, 1234-44	5.3	9

65	Impact of Intrathoracic Pressure in the Assessment of Pulmonary Hypertension in Overweight Patients. <i>Annals of the American Thoracic Society</i> , 2017 , 14, 1861-1863	4.7	9
64	Changes in main pulmonary artery diameter during follow-up have prognostic implications in pulmonary arterial hypertension. <i>Respirology</i> , 2017 , 22, 1649-1655	3.6	8
63	Pharmacologic management of perioperative pulmonary hypertension. <i>Journal of Cardiovascular Pharmacology</i> , 2014 , 63, 375-84	3.1	8
62	Intrapulmonary shunt confirmed by intracardiac echocardiography in the diagnosis of hepatopulmonary syndrome. <i>Hepatology</i> , 2013 , 58, 1514-5	11.2	8
61	Novel methods in pulmonary hypertension phenotyping in the age of precision medicine (2015 Grover Conference series). <i>Pulmonary Circulation</i> , 2016 , 6, 439-447	2.7	8
60	Assessing the kinetics of microbubble appearance in cirrhotic patients using transthoracic saline contrast-enhanced echocardiography. <i>Echocardiography</i> , 2017 , 34, 1439-1446	1.5	7
59	Impact on survival of warfarin in patients with pulmonary arterial hypertension receiving subcutaneous treprostinil. <i>Cardiovascular Therapeutics</i> , 2017 , 35, e12281	3.3	7
58	Heart rate slopes during 6-min walk test in pulmonary arterial hypertension, other lung diseases, and healthy controls. <i>Physiological Reports</i> , 2014 , 2, e12038	2.6	7
57	Spherules, hyphae, and air-crescent sign. <i>American Journal of the Medical Sciences</i> , 2008 , 335, 504-6	2.2	7
56	Treatment of a ruptured saphenous vein graft pseudoaneurysm using a vascular plug. <i>Catheterization and Cardiovascular Interventions</i> , 2008 , 71, 587-9	2.7	7
55	Cardiac tamponade in severe pulmonary hypertension. A therapeutic challenge revisited. <i>Annals of the American Thoracic Society</i> , 2015 , 12, 455-60	4.7	6
54	Beyond the evidence: treating pulmonary hypertension in the intensive care unit. <i>Critical Care</i> , 2014 , 18, 524	10.8	6
53	Spleen size in idiopathic and heritable pulmonary arterial hypertension. <i>Respiration</i> , 2013 , 85, 391-9	3.7	6
52	Mixed Venous Oxygen Saturation Is a Better Prognosticator Than Cardiac Index in Pulmonary Arterial Hypertension. <i>Chest</i> , 2020 , 158, 2546-2555	5.3	5
51	Electrocardiographic differences between COPD patients evaluated for lung transplantation with and without pulmonary hypertension. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2014 , 11, 670-80	2	5
50	Ventricular fibrillation caused by extrinsic compression of the left main coronary artery. <i>Heart</i> , 2013 , 99, 895-6	5.1	5
49	Subdural hematomas in pulmonary arterial hypertension patients treated with prostacyclin analogs [corrected]. <i>Pulmonary Circulation</i> , 2012 , 2, 518-21	2.7	5
48	Treatment Discontinuation or Interruption in Pulmonary Arterial Hypertension. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2020 , 25, 131-141	2.6	5

47	Hemodynamic Consequences of a Surgical Arteriovenous Fistula. <i>Annals of the American Thoracic Society</i> , 2016 , 13, 288-91	4.7	5
46	Different efficacy of inhaled and oral medications in pulmonary hypertension. <i>Heart and Lung: Journal of Acute and Critical Care</i> , 2017 , 46, 334-337	2.6	4
45	A pilot study on the kinetics of metabolites and microvascular cutaneous effects of nitric oxide inhalation in healthy volunteers. <i>PLoS ONE</i> , 2019 , 14, e0221777	3.7	4
44	Pulmonary Edema Following Initiation of Parenteral Prostacyclin Therapy for Pulmonary Arterial Hypertension: A Retrospective Study. <i>Chest</i> , 2019 , 156, 45-52	5.3	4
43	Do single or sequential measurements of leptin and adiponectin in plasma have prognostic value in pulmonary arterial hypertension?. <i>Pulmonary Circulation</i> , 2017 , 7, 727-729	2.7	3
42	Are transcutaneous oxygen and carbon dioxide determinations of value in pulmonary arterial hypertension?. <i>Microcirculation</i> , 2015 , 22, 249-56	2.9	3
41	Repeatability of Pulmonary Pressure Measurements in Patients with Pulmonary Hypertension. <i>Annals of the American Thoracic Society</i> , 2020 , 17, 1028-1030	4.7	3
40	Platelet glycolytic metabolism correlates with hemodynamic severity in pulmonary arterial hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2020 , 318, L562-L569	5.8	3
39	Comparison of volatile organic compound profiles in exhaled breath versus plasma headspace in different diseases. <i>Journal of Breath Research</i> , 2020 , 14, 036003	3.1	3
38	Effect of abnormal right heart structures on the diagnosis of pulmonary hypertension. <i>Pulmonary Circulation</i> , 2018 , 8, 2045894018773053	2.7	3
37	Why patients who die of worsening pulmonary arterial hypertension are not on parenteral prostacyclin analog treatment?. <i>Journal of Heart and Lung Transplantation</i> , 2014 , 33, 221	5.8	3
36	Novel device (AirWave) to assess endotracheal tube migration: a pilot study. <i>Journal of Critical Care</i> , 2013 , 28, 535.e1-8	4	3
35	A 70-Year-Old Man With Large Cervical and Mediastinal Lymphadenopathies. <i>Chest</i> , 2015 , 148, e8-e13	5.3	3
34	Is There Value in Repeating Inhaled Nitric Oxide Vasoreactivity Tests in Patients with Pulmonary Arterial Hypertension?. <i>Lung</i> , 2020 , 198, 87-94	2.9	3
33	Disease-specific platelet signaling defects in idiopathic pulmonary arterial hypertension. <i>American Journal of Physiology - Lung Cellular and Molecular Physiology</i> , 2021 , 320, L739-L749	5.8	3
32	Is hyponatremia associated with mortality in pulmonary arterial hypertension?. <i>Pulmonary Circulation</i> , 2018 , 8, 2045894018776888	2.7	2
31	Can we better estimate resting oxygen consumption by incorporating arterial blood gases and spirometric determinations?. <i>Respiratory Care</i> , 2015 , 60, 517-25	2.1	2
30	Response. <i>Chest</i> , 2013 , 143, 273-274	5.3	2

29	Lung or Heart-Lung Transplant in Pulmonary Arterial Hypertension: What Is the Impact of Systemic Sclerosis?. <i>Experimental and Clinical Transplantation</i> , 2017 , 15, 676-684	0.8	2
28	Gasometric gradients between blood obtained from the pulmonary artery wedge and pulmonary artery positions in pulmonary arterial hypertension. <i>Respiratory Research</i> , 2019 , 20, 6	7.3	2
27	Methods to improve the yield of right heart catheterization in pulmonary hypertension. <i>Respiratory Medicine: X</i> , 2020 , 2, 100015	1.6	2
26	Choice of Initial Oral Therapy for Pulmonary Arterial Hypertension: Age and Long-Term Survival. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 1090-1093	10.2	2
25	The Effect of Thrombolytic Use and Mechanical Ventilation on Echocardiographic Parameters of Survival after Acute Pulmonary Embolism. <i>Journal of the American Society of Echocardiography</i> , 2015 , 28, 846-7	5.8	1
24	Management of combined pre- and post-capillary pulmonary hypertension in advanced heart failure with reduced ejection fraction. <i>Respiratory Medicine</i> , 2017 , 131, 94-100	4.6	1
23	Perioperative Management of the Patient with Pulmonary Hypertension 2013 , 137-154		1
22	Successful use of high-frequency oscillator ventilation for acute respiratory distress syndrome with pneumomediastinum. <i>Respiratory Medicine CME</i> , 2009 , 2, 173-175		1
21	Endobronchial band. <i>Journal of Bronchology and Interventional Pulmonology</i> , 2009 , 16, 37-8	1.8	1
20	A Review of Pulmonary Arterial Hypertension Treatment in Extracorporeal Membrane Oxygenation: A Case Series of Adult Patients.. <i>Journal of Cardiovascular Pharmacology and Therapeutics</i> , 2022 , 27, 10742484211069005	2.6	1
19	Is Pulmonary Arterial Hypertension a Cancer?. <i>Science Translational Medicine</i> , 2013 , 5, 182ec71-182ec71	17.5	1
18	Estimation of Blood Flow Resistance in the Lung with MRI. <i>Science Translational Medicine</i> , 2013 , 5, 200ec144-200ec144	17.5	1
17	Impact of inhaled treprostinil on risk stratification with noninvasive parameters: a post hoc analysis of the TRIUMPH and BEAT studies. <i>Pulmonary Circulation</i> , 2020 , 10, 2045894020977025	2.7	1
16	Right heart catheterization for pulmonary hypertension during the coronavirus disease 2019 pandemic. <i>Pulmonary Circulation</i> , 2020 , 10, 2045894020948783	2.7	1
15	Novel Treatment Pathways in Pulmonary Arterial Hypertension. <i>Methodist DeBakey Cardiovascular Journal</i> , 2021 , 17, 106-114	2.1	1
14	The breath print represents a novel biomarker of malnutrition in pulmonary arterial hypertension: A proof of concept study. <i>Journal of Parenteral and Enteral Nutrition</i> , 2021 , 45, 1645-1652	4.2	0
13	Causes and Circumstances of Death in Portopulmonary Hypertension. <i>Transplantation Direct</i> , 2021 , 7, e710	2.3	0
12	Is pulmonary vascular resistance index better than pulmonary vascular resistance in predicting outcomes in pulmonary arterial hypertension?. <i>Journal of Heart and Lung Transplantation</i> , 2021 , 40, 614-622	5.8	0

11	COVID-19 and postural tachycardia syndrome: a case series.. <i>European Heart Journal - Case Reports</i> , 2021 , 5, ytab325	0.9	0
10	Effect of Weight on Parenteral Prostacyclin Analogues Dosing in Pulmonary Hypertension. <i>Chest</i> , 2017 , 151, 1189-1192	5.3	
9	Pulmonary hypertension before first and second lung transplantation. <i>Clinical Transplantation</i> , 2012 , 26, 672-8	3.8	
8	Lack of order. <i>American Journal of Medicine</i> , 2008 , 121, 393-4	2.4	
7	Cutaneous iontophoresis of vasoactive medications in patients with scleroderma-associated pulmonary arterial hypertension. <i>Microcirculation</i> , 2021 , e12734	2.9	
6	Reply: Will the Real Pulmonary Pressure Please Stand Up?. <i>Annals of the American Thoracic Society</i> , 2020 , 17, 1341	4.7	
5	Effect of pulmonary artery catheter balloon inflation on pulmonary hemodynamics.. <i>Cardiovascular Diagnosis and Therapy</i> , 2022 , 12, 37-41	2.6	
4	A 19-year-old man with progressive lung infiltrates. <i>Cleveland Clinic Journal of Medicine</i> , 2009 , 76, 635-8	2.8	
3	Pulmonary Medicine 2012 , 122-155		
2	Bilateral Pulmonary Emboli and Deep Venous Thrombi in Association With Chronic Inflammatory Demyelinating Polyneuropathy. <i>Cureus</i> , 2021 , 13, e14802	1.2	
1	Pulmonary Hypertension and Air Pollution. <i>Respiratory Medicine</i> , 2022 , 179-186	0.2	