

Joan Albert Barber

List of Publications by Citations

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111
papers

7,851
citations

33
h-index

88
g-index

125
ext. papers

9,233
ext. citations

4.7
avg, IF

5.32
L-index

#	Paper	IF	Citations
111	Guidelines for the diagnosis and treatment of pulmonary hypertension: the Task Force for the Diagnosis and Treatment of Pulmonary Hypertension of the European Society of Cardiology (ESC) and the European Respiratory Society (ERS), endorsed by the International Society of Heart and Lung Transplantation (ISHLT). <i>European Respiratory Journal</i> , 2009 , 33, 1111-1137	9.5	2531
110	Guidelines on diagnosis and treatment of pulmonary arterial hypertension. The Task Force on Diagnosis and Treatment of Pulmonary Arterial Hypertension of the European Society of Cardiology. <i>European Heart Journal</i> , 2004 , 25, 2243-78	9.5	665
109	Pulmonary hypertension due to left heart diseases. <i>Journal of the American College of Cardiology</i> , 2013 , 62, D100-8	15.1	437
108	Pulmonary hypertension in chronic lung diseases. <i>Journal of the American College of Cardiology</i> , 2013 , 62, D109-16	15.1	390
107	Pulmonary hypertension in chronic obstructive pulmonary disease. <i>European Respiratory Journal</i> , 2003 , 21, 892-905	13.6	301
106	Diagnosis, assessment, and treatment of non-pulmonary arterial hypertension pulmonary hypertension. <i>Journal of the American College of Cardiology</i> , 2009 , 54, S85-S96	15.1	284
105	Survival in pulmonary hypertension in Spain: insights from the Spanish registry. <i>European Respiratory Journal</i> , 2012 , 40, 596-603	13.6	258
104	Hemodynamic and gas exchange effects of sildenafil in patients with chronic obstructive pulmonary disease and pulmonary hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 181, 270-8	10.2	210
103	Cigarette smoke-induced oxidative stress: A role in chronic obstructive pulmonary disease skeletal muscle dysfunction. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 182, 477-88	10.2	192
102	Pulmonary vascular involvement in COPD. <i>Chest</i> , 2008 , 134, 808-814	5.3	181
101	Ventilation-perfusion imbalance and chronic obstructive pulmonary disease staging severity. <i>Journal of Applied Physiology</i> , 2009 , 106, 1902-8	3.7	141
100	Guía ESC/ERS 2015 sobre diagnóstico y tratamiento de la hipertensión pulmonar. <i>Revista Española De Cardiología</i> , 2016 , 69, 177.e1-177.e62	1.5	137
99	An official European Respiratory Society statement: pulmonary haemodynamics during exercise. <i>European Respiratory Journal</i> , 2017 , 50,	13.6	124
98	Sildenafil to improve respiratory rehabilitation outcomes in COPD: a controlled trial. <i>European Respiratory Journal</i> , 2013 , 42, 982-92	13.6	114
97	Encouraged 6-min walking test indicates maximum sustainable exercise in COPD patients. <i>Chest</i> , 2005 , 128, 55-61	5.3	106
96	Initial combination therapy with ambrisentan and tadalafil in connective tissue disease-associated pulmonary arterial hypertension (CTD-PAH): subgroup analysis from the AMBITION trial. <i>Annals of the Rheumatic Diseases</i> , 2017 , 76, 1219-1227	2.4	96
95	Hepatopulmonary syndrome associated with cardiorespiratory disease. <i>Journal of Hepatology</i> , 1999 , 30, 882-9	13.4	84

94	Pulmonary hypertension in patients with chronic obstructive pulmonary disease: advances in pathophysiology and management. <i>Drugs</i> , 2009 , 69, 1153-71	12.1	76
93	Guía clínica SEPAR-ALAT de diagnóstico y tratamiento de la EPOC. <i>Archivos De Bronconeumologia</i> , 2008 , 44, 271-281	0.7	75
92	Echocardiographic abnormalities in patients with COPD at their first hospital admission. <i>European Respiratory Journal</i> , 2013 , 41, 784-91	13.6	70
91	Health changes in fishermen 2 years after clean-up of the Prestige oil spill. <i>Annals of Internal Medicine</i> , 2010 , 153, 489-98	8	60
90	Effects of cigarette smoke on endothelial function of pulmonary arteries in the guinea pig. <i>Respiratory Research</i> , 2009 , 10, 76	7.3	58
89	Acute and long-term effects of inhaled iloprost in portopulmonary hypertension. <i>Liver Transplantation</i> , 2010 , 16, 348-56	4.5	58
88	Pulmonary Vascular Involvement in Chronic Obstructive Pulmonary Disease. Is There a Pulmonary Vascular Phenotype?. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018 , 198, 1000-1011	10.2	56
87	Increased carbon monoxide production in patients with cirrhosis with and without spontaneous bacterial peritonitis. <i>Hepatology</i> , 2003 , 38, 452-9	11.2	56
86	Severe portopulmonary hypertension after liver transplantation in a patient with preexisting hepatopulmonary syndrome. <i>Journal of Hepatology</i> , 1999 , 31, 1075-9	13.4	49
85	Mechanisms of development of chronic obstructive pulmonary disease-associated pulmonary hypertension. <i>Pulmonary Circulation</i> , 2013 , 3, 160-4	2.7	48
84	Pulmonary vasculature in COPD: The silent component. <i>Respirology</i> , 2016 , 21, 984-94	3.6	43
83	Pulmonary hemodynamic profile in chronic obstructive pulmonary disease. <i>International Journal of COPD</i> , 2015 , 10, 1313-20	3	39
82	Circulating progenitor cells and vascular dysfunction in chronic obstructive pulmonary disease. <i>PLoS ONE</i> , 2014 , 9, e106163	3.7	39
81	Pulmonary hypertension is related to peripheral endothelial dysfunction in heart failure with preserved ejection fraction. <i>Circulation: Heart Failure</i> , 2014 , 7, 791-8	7.6	37
80	Similar gene expression profiles in smokers and patients with moderate COPD. <i>Pulmonary Pharmacology and Therapeutics</i> , 2011 , 24, 32-41	3.5	37
79	Initial combination therapy with ambrisentan and tadalafil and mortality in patients with pulmonary arterial hypertension: a secondary analysis of the results from the randomised, controlled AMBITION study. <i>Lancet Respiratory Medicine</i> , 2016 , 4, 894-901	35.1	37
78	Clinical assessment of peripheral muscle function in patients with chronic obstructive pulmonary disease. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2009 , 88, 39-46	2.6	33
77	Anti-citrullinated peptide antibodies in the serum of heavy smokers without rheumatoid arthritis. A differential effect of chronic obstructive pulmonary disease?. <i>Clinical Rheumatology</i> , 2012 , 31, 1047-50	3.9	32

76	Health-related quality of life in a national cohort of patients with pulmonary arterial hypertension or chronic thromboembolic pulmonary hypertension. <i>Archivos De Bronconeumologia</i> , 2013 , 49, 181-8	0.7	31
75	Transdifferentiation of endothelial cells to smooth muscle cells play an important role in vascular remodelling. <i>American Journal of Stem Cells</i> , 2015 , 4, 13-21	2.4	28
74	Pulmonary vascular density: comparison of findings on computed tomography imaging with histology. <i>European Respiratory Journal</i> , 2019 , 54,	13.6	25
73	Non-anaemic iron deficiency impairs response to pulmonary rehabilitation in COPD. <i>Respirology</i> , 2015 , 20, 1089-95	3.6	25
72	Effect of intravenously administered aminophylline on ventilation/perfusion inequality during recovery from exacerbations of chronic obstructive pulmonary disease. <i>The American Review of Respiratory Disease</i> , 1992 , 145, 1328-33		24
71	Assessment of acute pulmonary vascular reactivity in portopulmonary hypertension. <i>Liver Transplantation</i> , 2007 , 13, 1506-14	4.5	23
70	Pulmonary Endothelial Dysfunction and Thrombotic Complications in Patients with COVID-19. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2021 , 64, 407-415	5.7	23
69	Evaluation of the persistence of functional and biological respiratory health effects in clean-up workers 6 years after the prestige oil spill. <i>Environment International</i> , 2014 , 62, 72-7	12.9	20
68	Pulmonary vascular abnormalities in chronic obstructive pulmonary disease undergoing lung transplant. <i>Journal of Heart and Lung Transplantation</i> , 2013 , 32, 1262-9	5.8	20
67	Imbalance between endothelial damage and repair capacity in chronic obstructive pulmonary disease. <i>PLoS ONE</i> , 2018 , 13, e0195724	3.7	19
66	Pulmonary hypertension in chronic obstructive pulmonary disease. <i>British Journal of Pharmacology</i> , 2021 , 178, 132-151	8.6	19
65	Determinants of exercise capacity in obese and non-obese COPD patients. <i>Respiratory Medicine</i> , 2014 , 108, 745-51	4.6	18
64	Effects of cigarette smoke and chronic hypoxia on airways remodeling and resistance. Clinical significance. <i>Respiratory Physiology and Neurobiology</i> , 2011 , 179, 305-13	2.8	18
63	Riociguat in patients with chronic thromboembolic pulmonary hypertension: results from an early access study. <i>BMC Pulmonary Medicine</i> , 2017 , 17, 216	3.5	17
62	Guidelines on the Diagnosis and Treatment of Pulmonary Hypertension: Summary of Recommendations. <i>Archivos De Bronconeumologia</i> , 2018 , 54, 205-215	0.7	17
61	Standards of care in pulmonary hypertension. <i>Revista Espanola De Cardiologia</i> , 2008 , 61, 170-84	1.5	17
60	Gas exchange response to short-acting beta2-agonists in chronic obstructive pulmonary disease severe exacerbations. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2007 , 176, 350-5	10.2	17
59	Lung Function in COVID-19 Patients 3 Months After Hospital Discharge. <i>Archivos De Bronconeumologia</i> , 2021 , 57, 59-61	0.7	17

58	Pulmonary inflammatory reaction and structural changes induced by cigarette smoke exposure in the Guinea pig. <i>COPD: Journal of Chronic Obstructive Pulmonary Disease</i> , 2012 , 9, 473-84	2	16
57	Metabolic Alterations in Cardiopulmonary Vascular Dysfunction. <i>Frontiers in Molecular Biosciences</i> , 2018 , 5, 120	5.6	15
56	Medical and surgical management for chronic thromboembolic pulmonary hypertension: a single center experience. <i>Archivos De Bronconeumologia</i> , 2014 , 50, 521-7	0.7	14
55	Estándares asistenciales en hipertensión pulmonar. <i>Archivos De Bronconeumologia</i> , 2008 , 44, 87-99	0.7	14
54	An imported case of e-cigarette or vaping associated lung injury in Barcelona. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	12
53	Vascular progenitor cells in chronic obstructive pulmonary disease. <i>Proceedings of the American Thoracic Society</i> , 2011 , 8, 528-34		11
52	Total, Bioavailable, and Free Vitamin D Levels and Their Prognostic Value in Pulmonary Arterial Hypertension. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	11
51	Management of Pulmonary Hypertension in Patients with Chronic Lung Disease. <i>Current Hypertension Reports</i> , 2015 , 17, 62	4.7	10
50	Follow-Up Genotoxic Study: Chromosome Damage Two and Six Years after Exposure to the Prestige Oil Spill. <i>PLoS ONE</i> , 2015 , 10, e0132413	3.7	10
49	Updated Perspectives on Pulmonary Hypertension in COPD. <i>International Journal of COPD</i> , 2020 , 15, 1315-1324	3	9
48	Initial combination therapy with ambrisentan + tadalafil on pulmonary arterial hypertension-related hospitalization in the AMBITION trial. <i>Journal of Heart and Lung Transplantation</i> , 2019 , 38, 194-202	5.8	9
47	A multidisciplinary registry of patients with autoimmune and immune-mediated diseases with symptomatic COVID-19 from a single center. <i>Journal of Autoimmunity</i> , 2021 , 117, 102580	15.5	9
46	Risk-stratified outcomes with initial combination therapy in pulmonary arterial hypertension: Application of the REVEAL risk score. <i>Journal of Heart and Lung Transplantation</i> , 2018 , 37, 1410-1417	5.8	9
45	Guidelines on the Diagnosis and Treatment of Pulmonary Hypertension: Summary of Recommendations. <i>Archivos De Bronconeumologia</i> , 2018 , 54, 205-215	0.7	8
44	Association Between Systemic and Pulmonary Vascular Dysfunction in COPD. <i>International Journal of COPD</i> , 2020 , 15, 2037-2047	3	8
43	Effect of pulmonary artery denervation in postcapillary pulmonary hypertension: results of a randomized controlled translational study. <i>Basic Research in Cardiology</i> , 2019 , 114, 5	11.8	8
42	Pulmonary arterial hypertension in a patient with hereditary hemorrhagic telangiectasia. <i>Archivos De Bronconeumologia</i> , 2013 , 49, 119-21	0.7	7
41	Chromosomal bands affected by acute oil exposure and DNA repair errors. <i>PLoS ONE</i> , 2013 , 8, e81276	3.7	7

40	Slug Is Increased in Vascular Remodeling and Induces a Smooth Muscle Cell Proliferative Phenotype. <i>PLoS ONE</i> , 2016 , 11, e0159460	3.7	7
39	Determinants of the Appearance and Progression of Early-Onset Chronic Obstructive Pulmonary Disease in Young Adults. A Case-Control Study with Follow-up. <i>Archivos De Bronconeumologia</i> , 2019 , 55, 312-318	0.7	6
38	Design of the β -Adrenergic Agonist Treatment in Chronic Pulmonary Hypertension Secondary to Heart Failure Trial. <i>JACC Basic To Translational Science</i> , 2020 , 5, 317-327	8.7	6
37	Effect of targeted therapy on circulating progenitor cells in precapillary pulmonary hypertension. <i>International Journal of Cardiology</i> , 2017 , 228, 238-243	3.2	6
36	Joint Guidelines of the Spanish Society of Pulmonology and Thoracic Surgery (SEPAR) and the Latin American Thoracic Society (ALAT) on the Diagnosis and Management of Chronic Obstructive Pulmonary Disease. <i>Archivos De Bronconeumologia</i> , 2008 , 44, 271-281	0.7	6
35	Below what FEV1 should arterial blood be routinely taken to detect chronic respiratory failure in COPD?. <i>Archivos De Bronconeumologia</i> , 2011 , 47, 325-9	0.7	5
34	Decreased Glycolysis as Metabolic Fingerprint of Endothelial Cells in Chronic Thromboembolic Pulmonary Hypertension. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2020 , 63, 710-713	5.7	5
33	Progenitor cell mobilisation and recruitment in pulmonary arteries in chronic obstructive pulmonary disease. <i>Respiratory Research</i> , 2019 , 20, 74	7.3	4
32	Instrumental drift removal in GC-MS data for breath analysis: the short-term and long-term temporal validation of putative biomarkers for COPD. <i>Journal of Breath Research</i> , 2018 , 12, 036007	3.1	4
31	Persistence of Breakage in Specific Chromosome Bands 6 Years after Acute Exposure to Oil. <i>PLoS ONE</i> , 2016 , 11, e0159404	3.7	4
30	Guía de práctica clínica para el diagnóstico y tratamiento de la hipertensión pulmonar. <i>Revista Espanola De Cardiologia</i> , 2009 , 62, 1464.e1-1464.e58	1.5	3
29	The Inflammatory Profile of CTEPH-Derived Endothelial Cells Is a Possible Driver of Disease Progression. <i>Cells</i> , 2021 , 10,	7.9	3
28	Chronic thromboembolic pulmonary hypertension in Spain: a decade of change. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2021 , 74, 384-392	0.7	3
27	Protein network analyses of pulmonary endothelial cells in chronic thromboembolic pulmonary hypertension. <i>Scientific Reports</i> , 2021 , 11, 5583	4.9	3
26	Elevated plasma levels of epithelial and endothelial cell markers in COVID-19 survivors with reduced lung diffusing capacity six months after hospital discharge.. <i>Respiratory Research</i> , 2022 , 23, 37	7.3	3
25	Effects of cigarette smoke and chronic hypoxia on ventilation in guinea pigs. Clinical significance. <i>Advances in Experimental Medicine and Biology</i> , 2012 , 758, 325-32	3.6	2
24	Pulmonary Complications of Abdominal Disease 2010 , 1982-1998		2
23	Impact of the new definition for pulmonary hypertension in patients with lung disease: an analysis of the United Network for Organ Sharing database. <i>Pulmonary Circulation</i> , 2021 , 11, 2045894021999960 ^{2.7}		2

22	Effect of pulmonary hypertension on exercise tolerance in patients with COPD: a prognostic systematic review and meta-analysis. <i>European Respiratory Review</i> , 2021 , 30,	9.8	2
21	Hipertensi3 pulmonar tromboemb3lica cr3nica en Espa3: una d3cada de cambio. <i>Revista Espanola De Cardiologia</i> , 2021 , 74, 384-392	1.5	2
20	Derivation and characterisation of endothelial cells from patients with chronic thromboembolic pulmonary hypertension. <i>Scientific Reports</i> , 2021 , 11, 18797	4.9	2
19	Genetic linkage analysis of a large family identifies as a candidate modulator of reduced penetrance in heritable pulmonary arterial hypertension. <i>Journal of Medical Genetics</i> , 2019 , 56, 481-490	5.8	1
18	Gene and Protein Expression of Fibronectin and Tenascin-C in Lung Samples from COPD Patients. <i>Lung</i> , 2015 , 193, 335-43	2.9	1
17	Pulmonary chronic thromboembolic disease.. <i>Archivos De Bronconeumologia</i> , 2020 , 56, 314-321	0.7	1
16	Medical and Surgical Management for Chronic Thromboembolic Pulmonary Hypertension: A Single Center Experience. <i>Archivos De Bronconeumologia</i> , 2014 , 50, 521-527	0.7	1
15	Below What FEV1 Should Arterial Blood be Routinely Taken to Detect Chronic Respiratory Failure in COPD?. <i>Archivos De Bronconeumologia</i> , 2011 , 47, 325-329	0.7	1
14	Gu3 de pr3ctica cl3nica para el diagn3stico y tratamiento de la hipertensi3 pulmonar. <i>Revista Espanola De Cardiologia (English Ed)</i> , 2009 , 62, 1464.e1-1464.e58	0.7	1
13	Standards of Care in Pulmonary Hypertension. <i>Archivos De Bronconeumologia</i> , 2008 , 44, 87-99	0.7	1
12	Home Oxygen Monitoring in Patients with Interstitial Lung Disease. <i>Annals of the American Thoracic Society</i> , 2021 ,	4.7	1
11	A New and More Sensitive Method to Integrate the Desaturation Distance Ratio During a 6-Minute Walking Test in Chronic Respiratory Diseases: Physiological Correlates. <i>Archivos De Bronconeumologia</i> , 2021 , 58, 188-188	0.7	1
10	Circulating Cell Biomarkers in Pulmonary Arterial Hypertension: Relationship with Clinical Heterogeneity and Therapeutic Response. <i>Cells</i> , 2021 , 10,	7.9	1
9	Pulmonary thromboendarterectomy in chronic thromboembolic pulmonary hypertension: the Spanish experience.. <i>Annals of Cardiothoracic Surgery</i> , 2022 , 11, 151-160	4.7	0
8	Impact of interstitial lung disease on the survival of systemic sclerosis with pulmonary arterial hypertension.. <i>Scientific Reports</i> , 2022 , 12, 5289	4.9	0
7	Changes in REVEAL risk score in patients with pulmonary arterial hypertension treated with macitentan in clinical practice: results from the PRACMA study. <i>BMC Pulmonary Medicine</i> , 2020 , 20, 154	3.5	
6	Clinical Research in Pulmonary Hypertension Comes of Age. <i>Archivos De Bronconeumologia</i> , 2014 , 50, 463-464	0.7	
5	Study of the BMPR2 Gene in Patients with Pulmonary Arterial Hypertension. <i>Archivos De Bronconeumologia</i> , 2010 , 46, 129-134	0.7	

- 4 [Not Available]. *Revista Espanola De Cardiologia*, **2009**, 62, 103-4 1.5
- 3 Should We Administer Sildenafil to Patients with Obstructive Pulmonary Disease and Pulmonary Hypertension? No. *American Journal of Respiratory and Critical Care Medicine*, **2010**, 182, 1206-1207 10.2
- 2 The Physiology of Gas Exchange 102-114
- 1 Controversies in the Management of Pulmonary Hypertension in the Setting of Lung Disease. *Respiratory Medicine*, **2020**, 109-122 0.2