Anton Vonk Noordegraaf

List of Publications by Citations

187 papers	15,898 citations	51 h-index	125 g-index
216 ext. papers	20,661 ext. citations	8 avg, IF	6.23 L-index

#	Paper	IF	Citations
187	2015 ESC/ERS Guidelines for the diagnosis and treatment of pulmonary hypertension: The Joint 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: Association for European Paediatric and Congenital Cardiology (AEPC), International Society for Heart and Lung	9.5	3455
186	2014 ESC guidelines on the diagnosis and management of acute pulmonary embolism. *European Heart Journal*, **2014**, 35, 3033-69, 3069a-3069k	9.5	1974
185	2015 ESC/ERS Guidelines for the diagnosis and treatment of pulmonary hypertension: The Joint 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: Association for European Paediatric and Congenital Cardiology (AEPC), International Society for Heart and Lung	13.6	1672
184	2019 ESC Guidelines for the diagnosis and management of acute pulmonary embolism developed in collaboration with the European Respiratory Society (ERS). *European Heart Journal*, **2020**, 41, 543-603	9.5	1043
183	Initial Use of Ambrisentan plus Tadalafil in Pulmonary Arterial Hypertension. *New England Journal of Medicine*, **2015**, 373, 834-44	59.2	618
182	The right ventricle under pressure: cellular and molecular mechanisms of right-heart failure in pulmonary hypertension. *Chest*, **2009**, 135, 794-804	5.3	525
181	Left ventricular heart failure and pulmonary hypertension. *European Heart Journal*, **2016**, 37, 942-54	9.5	316
180	The Relationship Between the Right Ventricle and its Load in Pulmonary Hypertension. *Journal of the American College of Cardiology*, **2017**, 69, 236-243	15.1	301
179	Comprehensive Rare Variant Analysis via Whole-Genome Sequencing to Determine the Molecular Pathology of Inherited Retinal Disease. *American Journal of Human Genetics*, **2017**, 100, 75-90	11	235
178	Incidence of chronic thromboembolic pulmonary hypertension after acute pulmonary embolism: a contemporary view of the published literature. *European Respiratory Journal*, **2017**, 49,	13.6	197
177	Identification of rare sequence variation underlying heritable pulmonary arterial hypertension. *Nature Communications*, **2018**, 9, 1416	17.4	182
176	2015 ESC/ERS Guidelines for the Diagnosis and Treatment of Pulmonary Hypertension. *Revista Espanola De Cardiologia (English Ed)*, **2016**, 69, 177	0.7	148
175	Pathophysiology of the right ventricle and of the pulmonary circulation in pulmonary hypertension: an update. *European Respiratory Journal*, **2019**, 53,	13.6	148
174	Impaired left ventricular filling due to right ventricular pressure overload in primary pulmonary hypertension: noninvasive monitoring using MRI. *Chest*, **2001**, 119, 1761-5	5.3	146
173	Gu ESC/ERS 2015 sobre diagnstico y tratamiento de la hipertensi pulmonar. *Revista Espanola De Cardiologia*, **2016**, 69, 177.e1-177.e62	1.5	137
172	Macitentan for the treatment of inoperable chronic thromboembolic pulmonary hypertension (MERIT-1): results from the multicentre, phase 2, randomised, double-blind, placebo-controlled study. *Lancet Respiratory Medicine,the*, **2017**, 5, 785-794	35.1	133
171	Reverse right ventricular remodeling after pulmonary endarterectomy in patients with chronic thromboembolic pulmonary hypertension: utility of magnetic resonance imaging to demonstrate restoration of the right ventricle. *Journal of Thoracic and Cardiovascular Surgery*, **2007**, 133, 58-64	1.5	130

170	Pulmonary embolism. *Nature Reviews Disease Primers*, **2018**, 4, 18028	51.1	128
169	An official European Respiratory Society statement: pulmonary haemodynamics during exercise. *European Respiratory Journal*, **2017**, 50,	13.6	124
168	Extent of MRI delayed enhancement of myocardial mass is related to right ventricular dysfunction in pulmonary artery hypertension. *American Journal of Roentgenology*, **2007**, 188, 349-55	5.4	121
167	The right ventricle explains sex differences in survival in idiopathic pulmonary arterial hypertension. *Chest*, **2014**, 145, 1230-1236	5.3	117
166	Changes in right ventricular function measured by cardiac magnetic resonance imaging in patients receiving pulmonary arterial hypertension-targeted therapy: the EURO-MR study. *Circulation: Cardiovascular Imaging*, **2014**, 7, 107-14	3.9	111
165	The effects of exercise on right ventricular contractility and right ventricular-arterial coupling in pulmonary hypertension. *American Journal of Respiratory and Critical Care Medicine*, **2015**, 191, 1050-7	10.2	106
164	Assessment of Right Ventricular Function in the Research Setting: Knowledge Gaps and Pathways Forward. An Official American Thoracic Society Research Statement. *American Journal of Respiratory and Critical Care Medicine*, **2018**, 198, e15-e43	10.2	105
163	Effective treatment of edema and endothelial barrier dysfunction with imatinib. *Circulation*, **2012**, 126, 2728-38	16.7	103
162	Clinical relevance of right ventricular diastolic stiffness in pulmonary hypertension. *European Respiratory Journal*, **2015**, 45, 1603-12	13.6	92
161	The natural course of preneoplastic lesions in bronchial epithelium. *Clinical Cancer Research*, **2005**, 11, 537-43	12.9	92
160	Low-Dose FK506 (Tacrolimus) in End-Stage Pulmonary Arterial Hypertension. *American Journal of Respiratory and Critical Care Medicine*, **2015**, 192, 254-7	10.2	86
159	The Pathobiology of Chronic Thromboembolic Pulmonary Hypertension. *Annals of the American Thoracic Society*, **2016**, 13 Suppl 3, S215-21	4.7	83
158	Signs of right ventricular deterioration in clinically stable patients with pulmonary arterial hypertension. *Chest*, **2015**, 147, 1063-1071	5.3	78
157	Vascular and right ventricular remodelling in chronic thromboembolic pulmonary hypertension. *European Respiratory Journal*, **2013**, 41, 224-32	13.6	78
156	Phenotypic Characterization of Mutation Carriers in a Large Cohort of Patients Diagnosed Clinically With Pulmonary Arterial Hypertension. *Circulation*, **2017**, 136, 2022-2033	16.7	75
155	Clinically significant change in stroke volume in pulmonary hypertension. *Chest*, **2011**, 139, 1003-1009	5.3	75
154	ERS statement on chronic thromboembolic pulmonary hypertension. *European Respiratory Journal*, **2021**, 57,	13.6	70
153	Bisoprolol in idiopathic pulmonary arterial hypertension: an explorative study. *European Respiratory Journal*, **2016**, 48, 787-96	13.6	64

152	Contractile dysfunction of left ventricular cardiomyocytes in patients with pulmonary arterial hypertension. *Journal of the American College of Cardiology*, **2014**, 64, 28-37	15.1	64
151	Pulmonary hypertension in heart failure with preserved ejection fraction: a plea for proper phenotyping and further research. *European Heart Journal*, **2017**, 38, 2869-2873	9.5	64
150	Right Ventricular Fibrosis. *Circulation*, **2019**, 139, 269-285	16.7	64
149	ERS statement on exercise training and rehabilitation in patients with severe chronic pulmonary hypertension. *European Respiratory Journal*, **2019**, 53,	13.6	63
148	SuHx rat model: partly reversible pulmonary hypertension and progressive intima obstruction. *European Respiratory Journal*, **2014**, 44, 160-8	13.6	62
147	Bone Morphogenetic Protein Receptor Type 2 Mutation in Pulmonary Arterial Hypertension: A View on the Right Ventricle. *Circulation*, **2016**, 133, 1747-60	16.7	61
146	Delayed Microvascular Shear Adaptation in Pulmonary Arterial Hypertension. Role of Platelet Endothelial Cell Adhesion Molecule-1 Cleavage. *American Journal of Respiratory and Critical Care Medicine*, **2016**, 193, 1410-20	10.2	60
145	Intravenous iron therapy in patients with idiopathic pulmonary arterial hypertension and iron deficiency. *Pulmonary Circulation*, **2015**, 5, 466-72	2.7	60
144	Contribution of Impaired Parasympathetic Activity to Right Ventricular Dysfunction and Pulmonary Vascular Remodeling in Pulmonary Arterial Hypertension. *Circulation*, **2018**, 137, 910-924	16.7	60
143	Brain natriuretic peptide as noninvasive marker of the severity of right ventricular dysfunction in chronic thromboembolic pulmonary hypertension. *Annals of Thoracic Surgery*, **2007**, 84, 537-43	2.7	58
142	Measuring central pulmonary pressures during exercise in COPD: how to cope with respiratory effects. *European Respiratory Journal*, **2014**, 43, 1316-25	13.6	57
141	Genetic determinants of risk in pulmonary arterial hypertension: international genome-wide association studies and meta-analysis. *Lancet Respiratory Medicine,the*, **2019**, 7, 227-238	35.1	55
140	Cardiac magnetic resonance imaging in pulmonary arterial hypertension. *European Respiratory Review*, **2013**, 22, 526-34	9.8	54
139	Pulmonary Hypertension in Patients with Chronic Fibrosing Idiopathic Interstitial Pneumonias. *PLoS ONE*, **2015**, 10, e0141911	3.7	51
138	The effect of right ventricular hypertrophy on left ventricular ejection fraction in pulmonary emphysema. *Chest*, **1997**, 112, 640-5	5.3	51
137	Electrical impedance tomography in the assessment of extravascular lung water in noncardiogenic acute respiratory failure. *Chest*, **1999**, 116, 1695-702	5.3	51
136	MRI evaluation of right ventricular pressure overload in chronic obstructive pulmonary disease. *Journal of Magnetic Resonance Imaging*, **1998**, 8, 999-1005	5.6	47
135	Noninvasive imaging in the assessment of the cardiopulmonary vascular unit. *Circulation*, **2015**, 131, 899-913	16.7	46

134	Characterization of Mutations and Levels of BMP9 and BMP10 in Pulmonary Arterial Hypertension. *American Journal of Respiratory and Critical Care Medicine*, **2020**, 201, 575-585	10.2	46
133	Determinants of pulmonary perfusion measured by electrical impedance tomography. *European Journal of Applied Physiology*, **2004**, 92, 45-9	3.4	45
132	Pulmonary perfusion measured by means of electrical impedance tomography. *Physiological Measurement*, **1998**, 19, 263-73	2.9	43
131	Epoprostenol and pulmonary arterial hypertension: 20 years of clinical experience. *European Respiratory Review*, **2017**, 26,	9.8	40
130	Increased native T1-values at the interventricular insertion regions in precapillary pulmonary hypertension. *International Journal of Cardiovascular Imaging*, **2016**, 32, 451-9	2.5	38
129	Treatment strategies for the right heart in pulmonary hypertension. *Cardiovascular Research*, **2017**, 113, 1465-1473	9.9	37
128	Copper dependence of angioproliferation in pulmonary arterial hypertension in rats and humans. *American Journal of Respiratory Cell and Molecular Biology*, **2012**, 46, 582-91	5.7	37
127	Effects of bisoprolol and losartan treatment in the hypertrophic and failing right heart. *Journal of Cardiac Failure*, **2014**, 20, 864-73	3.3	35
126	A modified Delphi method toward multidisciplinary consensus on functional convalescence recommendations after abdominal surgery. *Surgical Endoscopy and Other Interventional Techniques*, **2016**, 30, 5583-5595	5.2	35
125	Prediction of time to return to work after gynaecological surgery: a prospective cohort study in the Netherlands. *BJOG: an International Journal of Obstetrics and Gynaecology*, **2014**, 121, 487-97	3.7	34
124	Loss-of-Function ABCC8 Mutations in Pulmonary Arterial Hypertension. *Circulation Genomic and Precision Medicine*, **2018**, 11, e002087	5.2	33
123	A randomised controlled trial on the effect of inhaled hypertonic saline on quality of life in primary ciliary dyskinesia. *European Respiratory Journal*, **2017**, 49,	13.6	32
122	Predictors of mortality in inoperable chronic thromboembolic pulmonary hypertension. *Respiratory Medicine*, **2009**, 103, 1013-9	4.6	32
121	Pulmonary vascular remodeling patterns and expression of general control nonderepressible 2 (GCN2) in pulmonary veno-occlusive disease. *Journal of Heart and Lung Transplantation*, **2018**, 37, 647-655	5.8	31
120	ECG monitoring of treatment response in pulmonary arterial hypertension patients. *Chest*, **2008**, 134, 1250-1257	5.3	30
119	Usefulness of standard computed tomography pulmonary angiography performed for acute pulmonary embolism for identification of chronic thromboembolic pulmonary hypertension: results of the InShape III study. *Journal of Heart and Lung Transplantation*, **2019**, 38, 731-738	5.8	29
118	Dasatinib increases endothelial permeability leading to pleural effusion. *European Respiratory Journal*, **2018**, 51,	13.6	29
117	Noninvasive identification of left-sided heart failure in a population suspected of pulmonary arterial hypertension. *European Respiratory Journal*, **2015**, 46, 422-30	13.6	27

116	Comprehensive Cancer-Predisposition Gene Testing in an Adult Multiple Primary Tumor Series Shows a Broad Range of Deleterious Variants and Atypical Tumor Phenotypes. *American Journal of Human Genetics*, **2018**, 103, 3-18	11	27
115	Pulmonary hypertension. *European Respiratory Review*, **2016**, 25, 4-11	9.8	27
114	Characteristics of pulmonary arterial hypertension in affected carriers of a mutation located in the cytoplasmic tail of bone morphogenetic protein receptor type 2. *Chest*, **2015**, 147, 1385-1394	5.3	26
113	Right Heart Score for Predicting Outcome in Idiopathic, Familial, or Drug- and Toxin-Associated Pulmonary Arterial Hypertension. *JACC: Cardiovascular Imaging*, **2015**, 8, 627-38	8.4	26
112	Imatinib in patients with severe COVID-19: a randomised, double-blind, placebo-controlled, clinical trial. *Lancet Respiratory Medicine,the*, **2021**, 9, 957-968	35.1	26
111	The striated muscles in pulmonary arterial hypertension: adaptations beyond the right ventricle. *European Respiratory Journal*, **2015**, 46, 832-42	13.6	25
110	Nintedanib improves cardiac fibrosis but leaves pulmonary vascular remodelling unaltered in experimental pulmonary hypertension. *Cardiovascular Research*, **2019**, 115, 432-439	9.9	24
109	Right ventricular recovery after bilateral lung transplantation for pulmonary arterial hypertension *Interactive Cardiovascular and Thoracic Surgery*, **2017**, 24, 890-897	1.8	24
108	Idiopathic pulmonary arterial hypertension phenotypes determined by cluster analysis from the COMPERA registry. *Journal of Heart and Lung Transplantation*, **2020**, 39, 1435-1444	5.8	24
107	The involvement of gynaecological patients in the development of a clinical guideline for resumption of (work) activities in the Netherlands. *Health Expectations*, **2015**, 18, 1397-412	3.7	23
106	Healthcare utilization in chronic thromboembolic pulmonary hypertension after acute pulmonary embolism. *Journal of Thrombosis and Haemostasis*, **2018**, 16, 2168-2174	15.4	22
105	Switching to riociguat versus maintenance therapy with phosphodiesterase-5 inhibitors in patients with pulmonary arterial hypertension (REPLACE): a multicentre, open-label, randomised controlled trial. *Lancet Respiratory Medicine,the*, **2021**, 9, 573-584	35.1	22
104	Right atrial pressure affects the interaction between lung mechanics and right ventricular function in spontaneously breathing COPD patients. *PLoS ONE*, **2012**, 7, e30208	3.7	21
103	Reversal of vascular leak with imatinib. *American Journal of Respiratory and Critical Care Medicine*, **2013**, 188, 1171-3	10.2	21
102	Noninvasive assessment of right ventricular diastolic function by electrical impedance tomography. *Chest*, **1997**, 111, 1222-8	5.3	21
101	A critical appraisal of transpulmonary and diastolic pressure gradients. *Physiological Reports*, **2016**, 4, e12910	2.6	20
100	Prevention of progression of pulmonary hypertension by the Nur77 agonist 6-mercaptopurine: role of BMP signalling. *European Respiratory Journal*, **2019**, 54,	13.6	20
99	Diffusion capacity and BMPR2 mutations in pulmonary arterial hypertension. *European Respiratory Journal*, **2014**, 43, 1195-8	13.6	20

98	Cost-effectiveness of early intervention: comparison between intraluminal bronchoscopic treatment and surgical resection for T1N0 lung cancer patients. *Respiration*, **2004**, 71, 391-6	3.7	20
97	Predicting pulmonary hypertension with standard computed tomography pulmonary angiography. *International Journal of Cardiovascular Imaging*, **2015**, 31, 871-9	2.5	19
96	State of the art: advanced imaging of the right ventricle and pulmonary circulation in humans (2013 Grover Conference series). *Pulmonary Circulation*, **2014**, 4, 158-68	2.7	18
95	De Novo Truncating Mutations in WASF1 Cause Intellectual Disability with Seizures. *American Journal of Human Genetics*, **2018**, 103, 144-153	11	18
94	Bi-allelic Loss-of-Function CACNA1B Mutations in Progressive Epilepsy-Dyskinesia. *American Journal of Human Genetics*, **2019**, 104, 948-956	11	17
93	Ambrisentan for treatment of inoperable chronic thromboembolic pulmonary hypertension (CTEPH). *Pulmonary Circulation*, **2019**, 9, 2045894019846433	2.7	16
92	Quadriceps muscle fibre dysfunction in patients with pulmonary arterial hypertension. *European Respiratory Journal*, **2015**, 45, 1737-40	13.6	16
91	Aortic function quantified: the heartâ€™s essential cushion. *Journal of Applied Physiology*, **2012**, 113, 1285-91	3.7	16
90	11C-Acetate clearance as an index of oxygen consumption of the right myocardium in idiopathic pulmonary arterial hypertension: a validation study using 15O-labeled tracers and PET. *Journal of Nuclear Medicine*, **2013**, 54, 1258-62	8.9	16
89	Vascular narrowing in pulmonary arterial hypertension is heterogeneous: rethinking resistance. *Physiological Reports*, **2017**, 5, e13159	2.6	15
88	Serial assessment of right ventricular systolic function in patients with precapillary pulmonary hypertension using simple echocardiographic parameters: A comparison with cardiac magnetic resonance imaging. *Journal of Cardiology*, **2017**, 69, 182-188	3	14
87	Biallelic Mutation of ARHGEF18, Involved in the Determination of Epithelial Apicobasal Polarity, Causes Adult-Onset Retinal Degeneration. *American Journal of Human Genetics*, **2017**, 100, 334-342	11	14
86	Endothelin-1 receptor antagonists in fetal development and pulmonary arterial hypertension. *Reproductive Toxicology*, **2015**, 56, 45-51	3.4	14
85	Pulmonary arterial hypertension in systemic sclerosis is associated with profound impairment of microvascular endothelium-dependent vasodilatation. *Journal of Rheumatology*, **2012**, 39, 100-5	4.1	14
84	The BMP Receptor 2 in Pulmonary Arterial Hypertension: When and Where the Animal Model Matches the Patient. *Cells*, **2020**, 9,	7.9	13
83	Sensitivity of a Simple Noninvasive Screening Algorithm for Chronic Thromboembolic Pulmonary Hypertension after Acute Pulmonary Embolism. *TH Open*, **2018**, 2, e89-e95	2.7	13
82	Effect of pulmonary endarterectomy for chronic thromboembolic pulmonary hypertension on stroke volume response to exercise. *American Journal of Cardiology*, **2014**, 114, 136-40	3	13
81	Safety and efficacy of balloon pulmonary angioplasty in chronic thromboembolic pulmonary hypertension in the Netherlands. *Netherlands Heart Journal*, **2020**, 28, 81-88	2.2	13

80	Pulmonary Hypertension in Patients With COPD: Results From the Comparative, Prospective Registry of Newly Initiated Therapies for Pulmonary Hypertension (COMPERA). *Chest*, **2021**, 160, 678-689	5.3	12
79	Vena cava backflow and right ventricular stiffness in pulmonary arterial hypertension. *European Respiratory Journal*, **2019**, 54,	13.6	11
78	Standardized exercise training is feasible, safe, and effective in pulmonary arterial and chronic thromboembolic pulmonary hypertension: results from a large European multicentre randomized controlled trial. *European Heart Journal*, **2021**, 42, 2284-2295	9.5	11
77	Non-invasive early exclusion of chronic thromboembolic pulmonary hypertension after acute pulmonary embolism: the InShape II study. *Thorax*, **2021**, 76, 1002-1009	7.3	11
76	Comparison of Human and Experimental Pulmonary Veno-Occlusive Disease. *American Journal of Respiratory Cell and Molecular Biology*, **2020**, 63, 118-131	5.7	11
75	CTA-derived left to right atrial size ratio distinguishes between pulmonary hypertension due to heart failure and idiopathic pulmonary arterial hypertension. *International Journal of Cardiology*, **2016**, 223, 723-728	3.2	10
74	Is there a vanishing pulmonary capillary syndrome?. *Lancet Respiratory Medicine,the*, **2017**, 5, 676-678	35.1	10
73	Effects of diaphragm plication on pulmonary function and cardiopulmonary exercise parameters. *European Journal of Cardio-thoracic Surgery*, **2013**, 44, 643-7	3	10
72	2015 ESC/ERS GUIDELINES FOR THE DIAGNOSIS AND TREATMENT OF PULMONARY HYPERTENSION. *Russian Journal of Cardiology*, **2016**, 5-64	1.3	10
71	3RDeoxy-3R[18F]Fluorothymidine Positron Emission Tomography Depicts Heterogeneous Proliferation Pathology in Idiopathic Pulmonary Arterial Hypertension Patient Lung. *Circulation: Cardiovascular Imaging*, **2018**, 11, e007402	3.9	10
70	Bayesian Inference Associates Rare Variants with Specific Phenotypes in Pulmonary Arterial Hypertension. *Circulation Genomic and Precision Medicine*, **2020**,	5.2	9
69	Platypnoea-orthodeoxia syndrome, an underdiagnosed cause of hypoxaemia: four cases and the possible underlying mechanisms. *Netherlands Heart Journal*, **2015**, 23, 539-45	2.2	8
68	Pulmonary Hypertension in Adults with Congenital Heart Disease: Real-World Data from the International COMPERA-CHD Registry. *Journal of Clinical Medicine*, **2020**, 9,	5.1	8
67	Early return of reflected waves increases right ventricular wall stress in chronic thromboembolic pulmonary hypertension. *American Journal of Physiology - Heart and Circulatory Physiology*, **2020**, 319, H1438-H1450	5.2	8
66	Noninvasive Prediction of Elevated Wedge Pressure in Pulmonary Hypertension Patients Without Clear Signs of Left-Sided Heart Disease: External Validation of the OPTICS Risk Score. *Journal of the American Heart Association*, **2020**, 9, e015992	6	8
65	Pulmonary Procoagulant and Innate Immune Responses in Critically Ill COVID-19 Patients. *Frontiers in Immunology*, **2021**, 12, 664209	8.4	8
64	Pulmonary vascular imaging characteristics after pulmonary endarterectomy for chronic thromboembolic pulmonary hypertension. *Journal of Heart and Lung Transplantation*, **2020**, 39, 248-256	5.8	7
63	Malnutrition in pulmonary arterial hypertension: a possible role for dietary intervention. *Current Opinion in Pulmonary Medicine*, **2019**, 25, 405-409	3	7

62	The Effects of Mercaptopurine on Pulmonary Vascular Resistance and BMPR2 Expression in Pulmonary Arterial Hypertension. *American Journal of Respiratory and Critical Care Medicine*, **2020**, 202, 296-299	10.2	7
61	Right Ventricular Load and Function in Chronic Thromboembolic Pulmonary Hypertension: Differences between Proximal and Distal Chronic Thromboembolic Pulmonary Hypertension. *American Journal of Respiratory and Critical Care Medicine*, **2019**, 199, 1163-1166	10.2	6
60	Persistent exercise intolerance after pulmonary endarterectomy for chronic thromboembolic pulmonary hypertension. *European Respiratory Journal*, **2020**, 55,	13.6	6
59	Long-term outcomes in pulmonary arterial hypertension in the first-line epoprostenol or first-line bosentan era. *Journal of Heart and Lung Transplantation*, **2010**, 29, 1150-8	5.8	6
58	Bisoprolol therapy does not reduce right ventricular sympathetic activity in pulmonary arterial hypertension patients. *Pulmonary Circulation*, **2020**, 10, 2045894019873548	2.7	6
57	Hemodynamic Effects of Pulmonary Arterial Hypertension-Specific Therapy in Patients With Heart Failure With Preserved Ejection Fraction and With Combined Post- and Precapillay Pulmonary Hypertension. *Journal of Cardiac Failure*, **2020**, 26, 26-34	3.3	6
56	Quality of initial anticoagulant treatment and risk of CTEPH after acute pulmonary embolism. *PLoS ONE*, **2020**, 15, e0232354	3.7	5
55	Noninvasive measurement of cardiac output: two methods compared in patients with mitral regurgitation. *Angiology*, **1999**, 50, 95-101	2.1	5
54	Does impedance cardiography reliably estimate left ventricular ejection fraction?. *Journal of Clinical Monitoring and Computing*, **1996**, 12, 5-9		5
53	The Real Face of Borderline Pulmonary Hypertension in Connective Tissue Disease. *Annals of the American Thoracic Society*, **2016**, 13, 1428-30	4.7	5
52	Balloon pulmonary angioplasty in sarcoid-related pulmonary hypertension. *European Respiratory Journal*, **2018**, 51,	13.6	4
51	Why vessels do matter in pulmonary disease. *Thorax*, **2016**, 71, 767-9	7.3	4
50	Treatment response in patients with idiopathic pulmonary arterial hypertension and a severely reduced diffusion capacity. *Pulmonary Circulation*, **2017**, 7, 137-144	2.7	4
49	Pneumomediastinum and pneumopericardium due to high-speed air turbine drill used during a dental procedure. *Annals of Thoracic Surgery*, **2014**, 98, 2232	2.7	4
48	The REPAIR Study: Effects of Macitentan on RV Structure and Function in Pulmonary Arterial Hypertension. *JACC: Cardiovascular Imaging*, **2021**,	8.4	4
47	Neurohormonal modulation in pulmonary arterial hypertension. *European Respiratory Journal*, **2021**, 58,	13.6	4
46	PH CARE COVID survey: an international patient survey on the care for pulmonary hypertension patients during the early phase of the COVID-19 pandemic. *Orphanet Journal of Rare Diseases*, **2021**, 16, 196	4.2	4
45	Caging the dragon: Research approach to COVID-19-related thrombosis. *Research and Practice in Thrombosis and Haemostasis*, **2021**, 5, 278-290	5.1	4

44	A model for estimating the health economic impact of earlier diagnosis of chronic thromboembolic pulmonary hypertension. *ERJ Open Research*, **2021**, 7,	3.5	4
43	Validation of the 2016 ASE/EACVI Guideline for Diastolic Dysfunction in Patients With Unexplained Dyspnea and a Preserved Left Ventricular Ejection Fraction. *Journal of the American Heart Association*, **2021**, 10, e021165	6	4
42	Efficacy and safety of a 12-week outpatient pulmonary rehabilitation program in Post-PE Syndrome. *Thrombosis Research*, **2021**, 206, 66-75	8.2	4
41	Correspondence regarding "T-box protein 4 mutation causing pulmonary arterial hypertension and lung disease": a single-centre case series. *European Respiratory Journal*, **2020**, 55,	13.6	3
40	Right ventricular oxygen delivery as a determinant of right ventricular functional reserve during exercise in juvenile swine with chronic pulmonary hypertension. *American Journal of Physiology - Heart and Circulatory Physiology*, **2019**, 317, H840-H850	5.2	3
39	Pulmonary arterial hypertension preceding idiopathic pulmonary fibrosis in a BMPR2 mutation positive patient. *European Respiratory Review*, **2014**, 23, 147-9	9.8	3
38	Pulmonary arterial hypertension, a novelty in idiopathic inflammatory myopathies: insights and first experiences with vasoactive therapy. *RMD Open*, **2017**, 3, e000331	5.9	3
37	The interventricular septum in pulmonary hypertension does not show features of right ventricular failure. *International Journal of Cardiology*, **2014**, 173, 509-12	3.2	3
36	Late spontaneous hemothorax complicating anterior spinal instrumentation in adolescent idiopathic scoliosis. *Spine*, **2007**, 32, E730-3	3.3	3
35	Bayesian inference associates rare KDR variants with specific phenotypes in pulmonary arterial hypertension		3
34	Evolution of CT findings after anticoagulant treatment for acute pulmonary embolism in patients with and without an ultimate diagnosis of CTEPH. *European Respiratory Journal*, **2021**,	13.6	3
33	COVID-19: Histopathological correlates of imaging patterns on chest computed tomography. *Respirology*, **2021**, 26, 869-877	3.6	3
32	Identification of chronic thromboembolic pulmonary hypertension on CTPAs performed for diagnosing acute pulmonary embolism depending on level of expertise. *European Journal of Internal Medicine*, **2021**, 93, 64-70	3.9	3
31	Increased MAO-A Activity Promotes Progression of Pulmonary Arterial Hypertension. *American Journal of Respiratory Cell and Molecular Biology*, **2021**, 64, 331-343	5.7	3
30	Dynamic vascular changes in chronic thromboembolic pulmonary hypertension after pulmonary endarterectomy. *Pulmonary Circulation*, **2020**, 10, 2045894020907883	2.7	2
29	Right atrial function is associated with RV diastolic stiffness: RA-RV interaction in pulmonary arterial hypertension. *European Respiratory Journal*, **2021**,	13.6	2
28	Right ventricular adaptation to pressure-overload: Differences between chronic thromboembolic pulmonary hypertension and idiopathic pulmonary arterial hypertension. *Journal of Heart and Lung Transplantation*, **2021**, 40, 458-466	5.8	2
27	The Value of Hemodynamic Measurements or Cardiac MRI in the Follow-up of Patients With Idiopathic Pulmonary Arterial Hypertension. *Chest*, **2021**, 159, 1575-1585	5.3	2

26	Right Ventricular and Right Atrial Function Are Less Compromised in Pulmonary Hypertension Secondary to Heart Failure With Preserved Ejection Fraction: A Comparison With Pulmonary Arterial Hypertension With Similar Pressure Overload.. *Circulation: Heart Failure*, **2021**, CIRCHEARTFAILURE121008726	7.6	2
25	Long-term clinical outcomes of COVID-19 patients treated with imatinib.. *Lancet Respiratory Medicine,the*, **2022**,	35.1	2
24	Pulmonary hypertension with warm hands. *Thorax*, **2017**, 72, 1164-1166	7.3	1
23	Pulmonary vascular remodeling and right heart failure in pulmonary hypertension: future role of positron emission tomography in decoding the enigma. *Translational Respiratory Medicine*, **2013**, 1, 16		1
22	Biological heterogeneity in idiopathic pulmonary arterial hypertension identified through unsupervised transcriptomic profiling of whole blood. *Nature Communications*, **2021**, 12, 7104	17.4	1
21	Prediction of chronic thromboembolic pulmonary hypertension with standardised evaluation of initial computed tomography pulmonary angiography performed for suspected acute pulmonary embolism. *European Radiology*, **2021**, 1	8	1
20	Genetic Evaluation in a Cohort of 126 Dutch Pulmonary Arterial Hypertension Patients. *Genes*, **2020** , 11,	4.2	1
19	Prediction Models and Scores in Pulmonary Hypertension: A Review. *Current Pharmaceutical Design*, **2021**, 27, 1266-1276	3.3	1
18	Application of [18F]FLT-PET in pulmonary arterial hypertension: a clinical study in pulmonary arterial hypertension patients and unaffected bone morphogenetic protein receptor type 2 mutation carriers. *Pulmonary Circulation*, **2021**, 11, 20458940211028017	2.7	1
17	Function of the Right Ventricle **2014**, 9-18		1
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