

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.

99 papers	8,393 citations	29 h-index	91 g-index
122 ext. papers	9,875 ext. citations	6.3 avg, IF	5.15 L-index

#	Paper	IF	Citations
99	The effect of cardiac resynchronization on morbidity and mortality in heart failure. <i>New England Journal of Medicine</i> , 2005 , 352, 1539-49	59.2	4667
98	Autosomal dominant dilated cardiomyopathy with atrioventricular block: a lamin A/C defect-related disease. <i>Journal of the American College of Cardiology</i> , 2002 , 39, 981-90	15.1	257
97	The XMM-Newton extended survey of the Taurus molecular cloud (XEST). <i>Astronomy and Astrophysics</i> , 2007 , 468, 353-377	5.1	254
96	Prognostic relevance of the echocardiographic assessment of right ventricular function in patients with idiopathic pulmonary arterial hypertension. <i>International Journal of Cardiology</i> , 2010 , 140, 272-8	3.2	246
95	Anticoagulation and survival in pulmonary arterial hypertension: results from the Comparative, Prospective Registry of Newly Initiated Therapies for Pulmonary Hypertension (COMPERA). <i>Circulation</i> , 2014 , 129, 57-65	16.7	235
94	Blunted erythropoietin production and defective iron supply for erythropoiesis as major causes of anaemia in patients with chronic heart failure. <i>European Heart Journal</i> , 2005 , 26, 2232-7	9.5	197
93	Identification of rare sequence variation underlying heritable pulmonary arterial hypertension. <i>Nature Communications</i> , 2018 , 9, 1416	17.4	182
92	Cardiac resynchronization induces major structural and functional reverse remodeling in patients with New York Heart Association class I/II heart failure. <i>Circulation</i> , 2009 , 120, 1858-65	16.7	165
91	Pre-Capillary, Combined, and Post-Capillary Pulmonary Hypertension: A Pathophysiological Continuum. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 368-78	15.1	148
90	Long-term left ventricular reverse remodelling with cardiac resynchronization therapy: results from the CARE-HF trial. <i>European Journal of Heart Failure</i> , 2009 , 11, 480-8	12.3	143
89	Clinical Presentation and Outcome in a Contemporary Cohort of Patients With Acute Myocarditis: Multicenter Lombardy Registry. <i>Circulation</i> , 2018 , 138, 1088-1099	16.7	127
88	Germline selection shapes human mitochondrial DNA diversity. <i>Science</i> , 2019 , 364,	33.3	105
87	Prognostic relevance of a non-invasive evaluation of right ventricular function and pulmonary artery pressure in patients with chronic heart failure. <i>European Journal of Heart Failure</i> , 2013 , 15, 408-14 ^{12.3}	12.3	89
86	Reverse right ventricular remodeling after pulmonary endarterectomy. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2007 , 133, 162-8	1.5	82
85	Clinical and prognostic relevance of echocardiographic evaluation of right ventricular geometry in patients with idiopathic pulmonary arterial hypertension. <i>American Journal of Cardiology</i> , 2011 , 107, 628-32	3	78
84	RESPITE: switching to riociguat in pulmonary arterial hypertension patients with inadequate response to phosphodiesterase-5 inhibitors. <i>European Respiratory Journal</i> , 2017 , 50,	13.6	74
83	Usefulness of cardiac magnetic resonance in assessing the risk of ventricular arrhythmias and sudden death in patients with hypertrophic cardiomyopathy. <i>European Heart Journal</i> , 2009 , 30, 2003-10 ^{9.5}	9.5	72

82	Diagnostic work-up and risk stratification in X-linked dilated cardiomyopathies caused by dystrophin defects. <i>Journal of the American College of Cardiology</i> , 2011 , 58, 925-34	15.1	63
81	Effects of n-3 polyunsaturated fatty acids and of rosuvastatin on left ventricular function in chronic heart failure: a substudy of GISSI-HF trial. <i>European Journal of Heart Failure</i> , 2010 , 12, 1345-53	12.3	62
80	Comparison of brain natriuretic peptide (BNP) and NT-proBNP in screening for pulmonary arterial hypertension in patients with systemic sclerosis. <i>Journal of Rheumatology</i> , 2010 , 37, 2064-70	4.1	62
79	Inappropriate exercise-induced increase in pulmonary artery pressure in patients with systemic sclerosis. <i>Heart</i> , 2011 , 97, 112-7	5.1	62
78	Genetic determinants of risk in pulmonary arterial hypertension: international genome-wide association studies and meta-analysis. <i>Lancet Respiratory Medicine</i> , 2019 , 7, 227-238	35.1	55
77	Response of the right ventricle to acute pulmonary vasodilation predicts the outcome in patients with advanced heart failure and pulmonary hypertension. <i>American Heart Journal</i> , 2003 , 145, 310-6	4.9	54
76	Five-minute recording of heart rate variability in severe chronic heart failure: correlates with right ventricular function and prognostic implications. <i>American Heart Journal</i> , 2000 , 139, 1088-95	4.9	53
75	Characterization of Mutations and Levels of BMP9 and BMP10 in Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 575-585	10.2	46
74	Combination Therapy with Oral Treprostinil for Pulmonary Arterial Hypertension. A Double-Blind Placebo-controlled Clinical Trial. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 201, 707-717	10.2	40
73	Prognostic Impact of Diabetes and Prediabetes on Survival Outcomes in Patients With Chronic Heart Failure: A Post-Hoc Analysis of the GISSI-HF (Gruppo Italiano per lo Studio della Sopravvivenza nella Insufficienza Cardiaca-Heart Failure) Trial. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	39
72	Genetic Screening of Anderson-Fabry Disease in Probands Referred From Multispecialty Clinics. <i>Journal of the American College of Cardiology</i> , 2016 , 68, 1037-50	15.1	37
71	Effects on survival of loop diuretic dosing in ambulatory patients with chronic heart failure using a propensity score analysis. <i>International Journal of Clinical Practice</i> , 2013 , 67, 656-64	2.9	33
70	Baseline echocardiographic characteristics of heart failure patients enrolled in a large European multicentre trial (CARDiac RESynchronisation Heart Failure study). <i>European Journal of Echocardiography</i> , 2006 , 7, 373-8		29
69	Usefulness and limits of transthoracic echocardiography in the evaluation of patients with primary and chronic thromboembolic pulmonary hypertension. <i>Journal of the American Society of Echocardiography</i> , 2002 , 15, 1374-80	5.8	29
68	Spectral properties of X-ray bright variable sources in the Taurus molecular cloud. <i>Astronomy and Astrophysics</i> , 2007 , 468, 485-499	5.1	28
67	Influence of various therapeutic strategies on right ventricular morphology, function and hemodynamics in pulmonary arterial hypertension. <i>Journal of Heart and Lung Transplantation</i> , 2018 , 37, 365-375	5.8	27
66	X-ray spectroscopy of the Hertzsprung-gap giant star 31 Com, observed with XMM-Newton. <i>Astronomy and Astrophysics</i> , 2004 , 413, 643-655	5.1	24
65	Coronal properties of G-type stars in different evolutionary phases. <i>Astronomy and Astrophysics</i> , 2005 , 432, 671-685	5.1	24

64	Idiopathic pulmonary arterial hypertension phenotypes determined by cluster analysis from the COMPERA registry. <i>Journal of Heart and Lung Transplantation</i> , 2020 , 39, 1435-1444	5.8	24
63	Right ventricular recovery during follow-up is associated with improved survival in patients with chronic heart failure with reduced ejection fraction. <i>European Journal of Heart Failure</i> , 2016 , 18, 1462-1471	12.3	24
62	Prognostic value of TAPSE after therapy optimisation in patients with pulmonary arterial hypertension is independent of the haemodynamic effects of therapy. <i>Open Heart</i> , 2016 , 3, e000408	3	23
61	Prognostic relevance of pulmonary arterial compliance after therapy initiation or escalation in patients with pulmonary arterial hypertension. <i>International Journal of Cardiology</i> , 2017 , 230, 53-58	3.2	22
60	New pre-main sequence candidates in the Taurus-Auriga star forming region. <i>Astronomy and Astrophysics</i> , 2007 , 468, 405-412	5.1	22
59	Cardiac involvement at presentation in patients hospitalized with COVID-19 and their outcome in a tertiary referral hospital in Northern Italy. <i>Internal and Emergency Medicine</i> , 2020 , 15, 1457-1465	3.7	21
58	Pulmonary arterial compliance and exercise capacity after pulmonary endarterectomy. <i>European Respiratory Journal</i> , 2014 , 43, 1403-9	13.6	20
57	Microvascular changes in the lower extremities of paraplegics with heterotopic ossification. <i>Spinal Cord</i> , 2001 , 39, 595-8	2.7	20
56	Evidence-based diagnosis of familial non-X-linked dilated cardiomyopathy. Prevalence, inheritance and characteristics. <i>European Heart Journal</i> , 2001 , 22, 73-81	9.5	19
55	Coronal abundances of X-ray bright pre-main sequence stars in the Taurus molecular cloud. <i>Astronomy and Astrophysics</i> , 2007 , 473, 589-601	5.1	19
54	De Novo Truncating Mutations in WASF1 Cause Intellectual Disability with Seizures. <i>American Journal of Human Genetics</i> , 2018 , 103, 144-153	11	18
53	Haemodynamic effects of an acute vasodilator challenge in heart failure patients with reduced ejection fraction and different forms of post-capillary pulmonary hypertension. <i>European Journal of Heart Failure</i> , 2018 , 20, 725-734	12.3	17
52	Prevalence and prognostic role of anaemia in patients with acute heart failure and preserved or depressed ventricular function. <i>Internal and Emergency Medicine</i> , 2013 , 8, 147-55	3.7	16
51	Photospheric and coronal abundances in solar-type stars: the peculiar case of τ Bootis. <i>Astronomy and Astrophysics</i> , 2011 , 527, A144	5.1	15
50	A comprehensive echocardiographic method for risk stratification in pulmonary arterial hypertension. <i>European Respiratory Journal</i> , 2020 , 56,	13.6	14
49	Pulmonary hypertension and right ventricular dysfunction in left heart disease (group 2 pulmonary hypertension). <i>Progress in Cardiovascular Diseases</i> , 2012 , 55, 104-18	8.5	14
48	Undiagnosed connective tissue diseases: High prevalence in pulmonary arterial hypertension patients. <i>Medicine (United States)</i> , 2016 , 95, e4827	1.8	14
47	Unbinned maximum-likelihood estimators for low-count data. <i>Astronomy and Astrophysics</i> , 2007 , 468, 501-514	5.1	12

46	Relationship between electrocardiographic findings and Cardiac Magnetic Resonance phenotypes in patients with Hypertrophic Cardiomyopathy. <i>IJC Heart and Vasculature</i> , 2016 , 11, 7-11	2.4	12
45	Risk Reduction and Hemodynamics with Initial Combination Therapy in Pulmonary Arterial Hypertension. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2021 , 203, 484-492	10.2	12
44	Pulmonary hypertension and right ventricular remodeling in HFpEF and HFrEF. <i>Heart Failure Reviews</i> , 2020 , 25, 85-91	5	11
43	Left atrial dilatation in systolic heart failure: a marker of poor prognosis, not just a buffer between the left ventricle and pulmonary circulation. <i>Journal of Echocardiography</i> , 2018 , 16, 155-161	1.6	9
42	Pulmonary Hypertension in Adults with Congenital Heart Disease: Real-World Data from the International COMPERA-CHD Registry. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	8
41	Persistent abnormalities in pulmonary arterial compliance after heart transplantation in patients with combined post-capillary and pre-capillary pulmonary hypertension. <i>PLoS ONE</i> , 2017 , 12, e0188383	3.7	8
40	ANMCO Position Paper: long-term follow-up of patients with pulmonary thromboembolism. <i>European Heart Journal Supplements</i> , 2017 , 19, D309-D332	1.5	8
39	MitraClip procedure as a bridge to list the ultimate therapeutic option for end-stage heart failure patients not eligible for heart transplantation due to severe pulmonary hypertension. <i>Pulmonary Circulation</i> , 2018 , 8, 2045894018791871	2.7	7
38	Analyses of longitudinal and of transverse right ventricular function provide different clinical information in patients with pulmonary hypertension. <i>Ultrasound in Medicine and Biology</i> , 2014 , 40, 1096-1103	3.5	7
37	XMM-Newton observation of the classical T Tauri star SU Aurigae and the surrounding field. <i>Astronomy and Astrophysics</i> , 2007 , 471, 951-960	5.1	7
36	Changes in surface electrocardiogram in patients with chronic thromboembolic pulmonary hypertension undergoing pulmonary endarterectomy. Correlations with hemodynamic and echocardiographic improvements after surgery. <i>Journal of Electrocardiology</i> , 2016 , 49, 223-30	1.4	7
35	The tailored medical therapy in patients with advanced heart failure referred for cardiac transplantation. <i>Transplantation Proceedings</i> , 2008 , 40, 1999-2000	1.1	5
34	Rescreening of "healthy" relatives of patients with dilated cardiomyopathy identifies subgroups at risk of developing the disease. <i>European Heart Journal Supplements</i> , 2004 , 6, F54-F60	1.5	5
33	Modes of death and prognostic outliers in chronic heart failure. <i>American Heart Journal</i> , 2019 , 208, 100-109	1.9	5
32	Functional analysis of a novel ENG variant in a patient with hereditary hemorrhagic telangiectasia (HHT) identifies a new Sp1 binding-site. <i>Gene</i> , 2018 , 647, 85-92	3.8	4
31	Dobutamine stress echocardiography in pulmonary arterial hypertension. <i>International Journal of Cardiology</i> , 2018 , 270, 331-335	3.2	4
30	Response to letters regarding article, "Anticoagulation and survival in pulmonary arterial hypertension: results from the Comparative, Prospective Registry of Newly Initiated Therapies for Pulmonary Hypertension (COMPERA)". <i>Circulation</i> , 2014 , 130, e110-2	16.7	4
29	Identifying potential parameters associated with response to switching from a PDE5i to riociguat in RESPITE. <i>International Journal of Cardiology</i> , 2020 , 317, 188-192	3.2	3

28	Different forms of pulmonary hypertension in a family with clinical and genetic evidence for hereditary hemorrhagic telangiectasia type 2. <i>Pulmonary Circulation</i> , 2018 , 8, 2045894018782664	2.7	3
27	Dobutamine-induced ST-segment elevation associated with a biphasic response of wall motion in patients with a recent myocardial infarction is caused by myocardial ischaemia and is abolished by revascularization of the infarct-related artery. <i>Acta Cardiologica</i> , 2003 , 58, 527-33	0.9	3
26	Morphological changes in the skin microlymphatics in recently injured paraplegic patients with ilio-femoral venous thrombosis. <i>Spinal Cord</i> , 1995 , 33, 472-5	2.7	3
25	Is it time for a paradigm shift: Should double-lung transplant be considered the treatment of choice for idiopathic pulmonary arterial hypertension and giant pulmonary aneurysm?. <i>Journal of Cardiac Surgery</i> , 2021 , 36, 2996-2999	1.3	3
24	Risk stratification in patients with residual pulmonary hypertension after pulmonary endarterectomy. <i>International Journal of Cardiology</i> , 2021 , 334, 116-122	3.2	3
23	Glyco-metabolic control, inflammation markers, and cardiovascular outcomes in type 1 and type 2 diabetic patients on insulin pump or multiple daily injection (italico study). <i>Diabetes/Metabolism Research and Reviews</i> , 2020 , 36, e3219	7.5	3
22	Long-Term Effects of the Replacement of Calcineurin Inhibitors With Everolimus and Mycophenolate in Patients With Calcineurin Inhibitor-Related Nephrotoxicity. <i>Transplantation Proceedings</i> , 2020 , 52, 836-842	1.1	2
21	Feasibility, safety, and prognostic value of dobutamine stress echocardiography in patients > or = 70 years of age early after acute myocardial infarction. <i>American Journal of Cardiology</i> , 2002 , 90, 792-5	3	2
20	Canrenone on cardiovascular mortality in congestive heart failure: CanrenOne eEffects on cardiovascular mortality in patiEnts with congEstlve hearT failure: The COFFEE-IT study. <i>Pharmacological Research</i> , 2019 , 141, 46-52	10.2	2
19	Prognostic relevance of Doppler echocardiographic re-assessment in HFrEF patients. <i>International Journal of Cardiology</i> , 2021 , 327, 111-116	3.2	2
18	Iron deficiency in pulmonary arterial hypertension: prevalence and potential usefulness of oral supplementation. <i>Acta Cardiologica</i> , 2021 , 76, 162-167	0.9	2
17	The Effect of Borderline Pulmonary Hypertension on Survival in Chronic Lung Disease.. <i>Respiration</i> , 2022 , 1-11	3.7	2
16	Pre-existing type 2 diabetes is associated with increased all-cause death independently of echocardiographic predictors of poor prognosis only in ischemic heart disease. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2020 , 30, 2036-2040	4.5	1
15	Magnetic resonance imaging of pulmonary arterial compliance after pulmonary endarterectomy. <i>European Respiratory Journal</i> , 2020 , 55,	13.6	1
14	Prognostic stratification of patients with chronic systolic heart failure using biomarkers and Doppler echocardiography. <i>Journal of Cardiovascular Medicine</i> , 2014 , 15, 470-5	1.9	1
13	XMM-Newton spectroscopy of stars in open clusters and star forming regions. <i>Advances in Space Research</i> , 2006 , 38, 1509-1519	2.4	1
12	Plasma brain natriuretic peptide is a marker of right ventricular overload in pulmonary hypertension associated to HIV infection. <i>European Heart Journal Supplements</i> , 2004 , 6, F35-F39	1.5	1
11	The evaluation of right ventricular performance in different clinical models of heart failure. <i>European Heart Journal Supplements</i> , 2004 , 6, F61-F67	1.5	1

10	Biological heterogeneity in idiopathic pulmonary arterial hypertension identified through unsupervised transcriptomic profiling of whole blood. <i>Nature Communications</i> , 2021 , 12, 7104	17.4	1
9	BMPR2 mutations and response to inhaled or parenteral prostanoids: a case series.. <i>Pulmonary Circulation</i> , 2021 , 11, 20458940211037275	2.7	1
8	Nonresponse to Acute Vasodilator Challenge and Prognosis in Heart Failure With Pulmonary Hypertension. <i>Journal of Cardiac Failure</i> , 2021 , 27, 869-876	3.3	0
7	Haemodynamic impact of MitraClip in patients with functional mitral regurgitation and pulmonary hypertension. <i>European Journal of Clinical Investigation</i> , 2021 , 51, e13676	4.6	0
6	Medical treatment of pulmonary hypertension in adults with congenital heart disease: updated and extended results from the International COMPERA-CHD Registry.. <i>Cardiovascular Diagnosis and Therapy</i> , 2021 , 11, 1255-1268	2.6	0
5	SAT0225 Screening for Pulmonary Arterial Hypertension in Systemic Sclerosis Patients: Single Center Real-Life Performance of The Detect Algorithm. <i>Annals of the Rheumatic Diseases</i> , 2016 , 75, 749.4-750	2.4	1
4	SAT0435 Undiagnosed Connective Tissue Diseases in Pulmonary Arterial Hypertension Patients: Baseline and Follow-Up Results from a PAH Referral Centre. <i>Annals of the Rheumatic Diseases</i> , 2015 , 74, 817.2-817	2.4	
3	Left Heart Failure 2014 , 209-221		
2	Out-of-hospital cardiac arrest in patients with heart disease from family membersSperspective: high perception of risk, low sense of adequacy and the importance of training. <i>Journal of Cardiovascular Medicine</i> , 2021 , 22, 790-791	1.9	
1	Assessment of right ventricle in pulmonary arterial hypertension with three-dimensional echocardiography and cardiovascular magnetic resonance. <i>Journal of Cardiovascular Medicine</i> , 2021 , 22, 929-936	1.9	