

Arie P Van Dijk

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.

106
papers

5,044
citations

37
h-index

69
g-index

109
ext. papers

5,893
ext. citations

5.2
avg, IF

5.05
L-index

#	Paper	IF	Citations
106	Preoperative thresholds for pulmonary valve replacement in patients with corrected tetralogy of Fallot using cardiovascular magnetic resonance. <i>Circulation</i> , 2007 , 116, 545-51	16.7	439
105	Predictors of pregnancy complications in women with congenital heart disease. <i>European Heart Journal</i> , 2010 , 31, 2124-32	9.5	391
104	Mortality in adult congenital heart disease. <i>European Heart Journal</i> , 2010 , 31, 1220-9	9.5	390
103	Prospective cardiopulmonary screening program to detect chronic thromboembolic pulmonary hypertension in patients after acute pulmonary embolism. <i>Haematologica</i> , 2010 , 95, 970-5	6.6	183
102	Reference values for myocardial two-dimensional strain echocardiography in a healthy pediatric and young adult cohort. <i>Journal of the American Society of Echocardiography</i> , 2011 , 24, 625-36	5.8	156
101	Effect of valsartan on systemic right ventricular function: a double-blind, randomized, placebo-controlled pilot trial. <i>Circulation</i> , 2013 , 127, 322-30	16.7	145
100	Prospective validation and assessment of cardiovascular and offspring risk models for pregnant women with congenital heart disease. <i>Heart</i> , 2014 , 100, 1373-81	5.1	135
99	Evaluating the systemic right ventricle by CMR: the importance of consistent and reproducible delineation of the cavity. <i>Journal of Cardiovascular Magnetic Resonance</i> , 2008 , 10, 40	6.9	132
98	Pregnancy and delivery in women after Fontan palliation. <i>Heart</i> , 2006 , 92, 1290-4	5.1	120
97	TBX4 mutations (small patella syndrome) are associated with childhood-onset pulmonary arterial hypertension. <i>Journal of Medical Genetics</i> , 2013 , 50, 500-6	5.8	115
96	Long-term follow-up of homograft function after pulmonary valve replacement in patients with tetralogy of Fallot. <i>European Heart Journal</i> , 2006 , 27, 1478-84	9.5	112
95	Patient outcomes after acute pulmonary embolism. A pooled survival analysis of different adverse events. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 181, 501-6	10.2	110
94	Quality of life in long-term survivors of acute pulmonary embolism. <i>Chest</i> , 2010 , 138, 1432-40	5.3	107
93	Impact of bosentan on exercise capacity in adults after the Fontan procedure: a randomized controlled trial. <i>European Journal of Heart Failure</i> , 2013 , 15, 690-8	12.3	96
92	¹⁸ F-FDG PET/CT for detection of metastatic infection in gram-positive bacteremia. <i>Journal of Nuclear Medicine</i> , 2010 , 51, 1234-40	8.9	96
91	Outcome of implantable cardioverter defibrillators in adults with congenital heart disease: a multi-centre study. <i>European Heart Journal</i> , 2007 , 28, 1854-61	9.5	94
90	Gender and outcome in adult congenital heart disease. <i>Circulation</i> , 2008 , 118, 26-32	16.7	92

89	Preoperative thresholds for mid-to-late haemodynamic and clinical outcomes after pulmonary valve replacement in tetralogy of Fallot. <i>European Heart Journal</i> , 2016 , 37, 829-35	9.5	86
88	Effect of bosentan on exercise capacity and quality of life in adults with pulmonary arterial hypertension associated with congenital heart disease with and without Down's syndrome. <i>American Journal of Cardiology</i> , 2009 , 103, 1309-15	3	72
87	Cardiac magnetic resonance findings predicting mortality in patients with pulmonary arterial hypertension: a systematic review and meta-analysis. <i>European Radiology</i> , 2016 , 26, 3771-3780	8	71
86	Enhanced endothelin-1-mediated leg vascular tone in healthy older subjects. <i>Journal of Applied Physiology</i> , 2007 , 103, 852-7	3.7	70
85	Exercise training improves exercise capacity in adult patients with a systemic right ventricle: a randomized clinical trial. <i>European Heart Journal</i> , 2012 , 33, 1378-85	9.5	67
84	Implantable cardioverter defibrillator therapy in adults with congenital heart disease: who is at risk of shocks?. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2012 , 5, 101-10	6.4	66
83	The value of 18F-FDG PET/CT in diagnosing infectious endocarditis. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2013 , 40, 1102-7	8.8	64
82	N-terminal pro-B-type natriuretic peptide predicts cardiovascular complications in pregnant women with congenital heart disease. <i>European Heart Journal</i> , 2014 , 35, 708-15	9.5	64
81	Pregnancy in women with corrected tetralogy of Fallot: occurrence and predictors of adverse events. <i>American Heart Journal</i> , 2011 , 161, 307-13	4.9	63
80	Efficacy of antiarrhythmic drugs in adults with congenital heart disease and supraventricular tachycardias. <i>American Journal of Cardiology</i> , 2013 , 112, 1461-7	3	62
79	Six-minute walk test in patients with Down syndrome: validity and reproducibility. <i>Archives of Physical Medicine and Rehabilitation</i> , 2009 , 90, 1423-7	2.8	57
78	Down patients with Eisenmenger syndrome: is bosentan treatment an option?. <i>International Journal of Cardiology</i> , 2009 , 134, 378-83	3.2	53
77	Prolonged beneficial effect of bosentan treatment and 4-year survival rates in adult patients with pulmonary arterial hypertension associated with congenital heart disease. <i>International Journal of Cardiology</i> , 2013 , 164, 64-9	3.2	49
76	Right ventricular end-diastolic volume combined with peak systolic blood pressure during exercise identifies patients at risk for complications in adults with a systemic right ventricle. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 926-36	15.1	45
75	Preserved cardiac function after chronic spinal cord injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2006 , 87, 1195-200	2.8	44
74	Illness perceptions of adults with congenital heart disease and their predictive value for quality of life two years later. <i>European Journal of Cardiovascular Nursing</i> , 2014 , 13, 86-94	3.3	43
73	Long-term outcomes of transatrial-transpulmonary repair of tetralogy of Fallot. <i>European Journal of Cardio-thoracic Surgery</i> , 2015 , 47, 527-34	3	41
72	Effects of High-Intensity Interval Training versus Continuous Training on Physical Fitness, Cardiovascular Function and Quality of Life in Heart Failure Patients. <i>PLoS ONE</i> , 2015 , 10, e0141256	3.7	41

71	QRS fragmentation is superior to QRS duration in predicting mortality in adults with tetralogy of Fallot. <i>Heart</i> , 2017 , 103, 666-671	5.1	38
70	Value of Cardiovascular Magnetic Resonance Imaging in Noninvasive Risk Stratification in Tetralogy of Fallot. <i>JAMA Cardiology</i> , 2017 , 2, 678-683	16.2	37
69	Cardiovascular disease risk is only elevated in hypertensive, formerly preeclamptic women. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2015 , 122, 1092-100	3.7	37
68	Pregnancy outcome in women with repaired versus unrepaired isolated ventricular septal defect. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2010 , 117, 683-9	3.7	37
67	Co-occurrence of cardiovascular and prothrombotic risk factors in women with a history of preeclampsia. <i>Obstetrics and Gynecology</i> , 2013 , 121, 97-105	4.9	35
66	Surgical outcome of discrete subaortic stenosis in adults: a multicenter study. <i>Circulation</i> , 2013 , 127, 1184-91, e1-4	16.7	34
65	Severe tricuspid regurgitation is predictive for adverse events in tetralogy of Fallot. <i>Heart</i> , 2015 , 101, 794-9	5.1	32
64	From bosentan to macitentan for pulmonary arterial hypertension and adult congenital heart disease: Further improvement?. <i>International Journal of Cardiology</i> , 2017 , 227, 51-52	3.2	30
63	Effects of rosuvastatin on progression of stenosis in adult patients with congenital aortic stenosis (PROCAS Trial). <i>American Journal of Cardiology</i> , 2011 , 108, 265-71	3	29
62	Real-time contrast imaging: a new method to monitor capillary recruitment in human forearm skeletal muscle. <i>Microcirculation</i> , 2008 , 15, 203-13	2.9	29
61	Atherosclerosis in patients with cyanotic congenital heart disease. <i>Circulation Journal</i> , 2010 , 74, 1436-41.	2.9	28
60	Prognostic value of right ventricular longitudinal strain in patients with pulmonary hypertension: a systematic review and meta-analysis. <i>European Heart Journal Cardiovascular Imaging</i> , 2019 , 20, 475-484	4.1	28
59	Decrease in quality of life predicts mortality in adult patients with pulmonary arterial hypertension due to congenital heart disease. <i>Netherlands Heart Journal</i> , 2015 , 23, 278-84	2.2	27
58	Psychosocial impact of implantable cardioverter defibrillators (ICD) in young adults with Tetralogy of Fallot. <i>Clinical Research in Cardiology</i> , 2012 , 101, 509-19	6.1	27
57	Cardiac function and cardiac events 1-year postpartum in women with congenital heart disease. <i>American Heart Journal</i> , 2015 , 169, 298-304	4.9	26
56	Associations between cardiovascular parameters and uteroplacental Doppler (blood) flow patterns during pregnancy in women with congenital heart disease: Rationale and design of the Zwangerschap bij Aangeboren Hartafwijking (ZAHARA) II study. <i>American Heart Journal</i> , 2011 , 161, 269-275.e1	4.9	26
55	Exercise capacity and participation of children with a ventricular septal defect. <i>American Journal of Cardiology</i> , 2008 , 102, 1079-84	3	26
54	Effect of Losartan on Right Ventricular Dysfunction: Results From the Double-Blind, Randomized REDEFINE Trial (Right Ventricular Dysfunction in Tetralogy of Fallot: Inhibition of the Renin-Angiotensin-Aldosterone System) in Adults With Repaired Tetralogy of Fallot. <i>Circulation</i> , 2018 , 137, 1468-1471	16.7	25

53	Cardiovascular and thrombogenic risk of decidual vasculopathy in preeclampsia. <i>American Journal of Obstetrics and Gynecology</i> , 2014 , 210, 545.e1-6	6.4	23
52	Lifetime Risk of Pulmonary Hypertension for All Patients After Shunt Closure. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 1084-6	15.1	21
51	Prevalence of asymptomatic heart failure in formerly pre-eclamptic women: a cohort study. <i>Ultrasound in Obstetrics and Gynecology</i> , 2017 , 49, 134-142	5.8	20
50	Ascending aortic diameters in congenital aortic stenosis: cardiac magnetic resonance versus transthoracic echocardiography. <i>Echocardiography</i> , 2013 , 30, 497-504	1.5	20
49	The perspective of patients with congenital heart disease: does health care meet their needs?. <i>Congenital Heart Disease</i> , 2011 , 6, 219-27	3.1	20
48	Effect of exercise training on sports enjoyment and leisure-time spending in adolescents with complex congenital heart disease: the moderating effect of health behavior and disease knowledge. <i>Congenital Heart Disease</i> , 2014 , 9, 415-23	3.1	19
47	Natural history of discrete subaortic stenosis in adults: a multicentre study. <i>European Heart Journal</i> , 2013 , 34, 1548-56	9.5	19
46	Cardiac diastolic dysfunction and metabolic syndrome in young women after placental syndrome. <i>Obstetrics and Gynecology</i> , 2010 , 115, 101-108	4.9	19
45	Patients with a congenital heart defect and type D personality feel functionally more impaired, report a poorer health status and quality of life, but use less healthcare. <i>European Journal of Cardiovascular Nursing</i> , 2012 , 11, 349-55	3.3	18
44	Pulmonary Valve Replacement After Repair of Pulmonary Stenosis Compared With Tetralogy of Fallot. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 1123-1124	15.1	17
43	Parental mental health moderates the efficacy of exercise training on health-related quality of life in adolescents with congenital heart disease. <i>Pediatric Cardiology</i> , 2015 , 36, 33-40	2.1	17
42	Pressure overloaded right ventricles: a multicenter study on the importance of trabeculae in RV function measured by CMR. <i>International Journal of Cardiovascular Imaging</i> , 2014 , 30, 599-608	2.5	17
41	Exercise performance and activity level in children with transposition of the great arteries treated by the arterial switch operation. <i>American Journal of Cardiology</i> , 2010 , 105, 398-403	3	17
40	Exploratory assessment of left ventricular strain-volume loops in severe aortic valve diseases. <i>Journal of Physiology</i> , 2017 , 595, 3961-3971	3.9	16
39	Menstrual cycle and its disorders in women with congenital heart disease. <i>Congenital Heart Disease</i> , 2008 , 3, 277-83	3.1	16
38	Altered core and skin temperature responses to endurance exercise in heart failure patients and healthy controls. <i>European Journal of Preventive Cardiology</i> , 2016 , 23, 137-44	3.9	14
37	Low Plasma Volume in Normotensive Formerly Preeclamptic Women Predisposes to Hypertension. <i>Hypertension</i> , 2015 , 66, 1066-72	8.5	14
36	Duration of right ventricular contraction predicts the efficacy of bosentan treatment in patients with pulmonary hypertension. <i>European Journal of Echocardiography</i> , 2009 , 10, 433-8		14

35	Fertility, pregnancy and delivery in women after biventricular repair for double outlet right ventricle. <i>Cardiology</i> , 2008 , 109, 105-9	1.6	14
34	Complications of pacemaker therapy in adults with congenital heart disease: a multicenter study. <i>International Journal of Cardiology</i> , 2013 , 168, 3212-6	3.2	12
33	Changes in BNP and cardiac troponin I after high-intensity interval and endurance exercise in heart failure patients and healthy controls. <i>International Journal of Cardiology</i> , 2015 , 184, 426-427	3.2	12
32	Ascending aorta dilatation in patients with bicuspid aortic valve stenosis: a prospective CMR study. <i>European Radiology</i> , 2013 , 23, 642-9	8	11
31	Atrial-based pacing has no benefit over ventricular pacing in preventing atrial arrhythmias in adults with congenital heart disease. <i>Europace</i> , 2013 , 15, 1757-62	3.9	11
30	Exercise-induced cardiac troponin release: real-life clinical confusion. <i>Current Medicinal Chemistry</i> , 2011 , 18, 3457-61	4.3	11
29	The relation between venous reserve capacity and low plasma volume. <i>Reproductive Sciences</i> , 2008 , 15, 604-12	3	11
28	Heart failure patients demonstrate impaired changes in brachial artery blood flow and shear rate pattern during moderate-intensity cycle exercise. <i>Experimental Physiology</i> , 2015 , 100, 463-74	2.4	10
27	Rationale and design of a trial on the role of bosentan in Fontan patients: improvement of exercise capacity?. <i>Contemporary Clinical Trials</i> , 2011 , 32, 586-91	2.3	10
26	Individualised prediction of pulmonary homograft durability in tetralogy of Fallot. <i>Heart</i> , 2015 , 101, 1717-23	5.23	9
25	Pulmonary hypertension in connective tissue diseases, new evidence and challenges. <i>European Journal of Clinical Investigation</i> , 2021 , 51, e13453	4.6	9
24	Ultrasound enhanced prehospital thrombolysis using microbubbles infusion in patients with acute ST elevation myocardial infarction: rationale and design of the Sonolysis study. <i>Trials</i> , 2008 , 9, 72	2.8	8
23	Aortic valve prosthesis-patient mismatch and exercise capacity in adult patients with congenital heart disease. <i>Heart</i> , 2016 , 102, 107-13	5.1	7
22	Outcomes of Pregnancy After Right Ventricular Outflow Tract Reconstruction With an Allograft Conduit. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 2656-2665	15.1	7
21	Echocardiographic findings associated with mortality or transplant in patients with pulmonary arterial hypertension: A systematic review and meta-analysis. <i>Netherlands Heart Journal</i> , 2016 , 24, 374-389	3.2	7
20	Biological versus mechanical heart valve prosthesis during pregnancy in women with congenital heart disease. <i>International Journal of Cardiology</i> , 2018 , 268, 106-112	3.2	7
19	Impact of prolonged walking exercise on cardiac structure and function in cardiac patients versus healthy controls. <i>European Journal of Preventive Cardiology</i> , 2016 , 23, 1252-60	3.9	6
18	Echocardiographic-Derived Strain-Area Loop of the Right Ventricle is Related to Pulmonary Vascular Resistance in Pulmonary Arterial Hypertension. <i>JACC: Cardiovascular Imaging</i> , 2017 , 10, 1286-1288	8.4	5

17	Treatment of pulmonary arterial hypertension in congenital heart disease in Singapore versus the Netherlands: age exceeds ethnicity in influencing clinical outcome. <i>Netherlands Heart Journal</i> , 2016 , 24, 410-416	2.2	4
16	Low prevalence of cardiac valve abnormalities in patients with autosomal dominant polycystic liver disease. <i>Liver International</i> , 2012 , 32, 690-2	7.9	4
15	Rationale and design of a trial on the effect of high dose statins on cardiovascular risk in adults after successful coarctation repair. <i>Contemporary Clinical Trials</i> , 2012 , 33, 410-6	2.3	4
14	5-Year prognostic value of the right ventricular strain-area loop in patients with pulmonary hypertension. <i>European Heart Journal Cardiovascular Imaging</i> , 2021 , 22, 188-195	4.1	4
13	Right vEntricular Dysfunction in tEtralogy of Fallot: INhibition of the rEnin-angiotensin-aldosterone system (REDEFINE) trial: Rationale and design of a randomized, double-blind, placebo-controlled clinical trial. <i>American Heart Journal</i> , 2017 , 186, 83-90	4.9	3
12	Acute impact of changes to hemodynamic load on the left ventricular strain-volume relationship in young and older men. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020 , 318, R743-R750	3.2	3
11	Differences in Aortopathy in Patients with a Bicuspid Aortic Valve with or without Aortic Coarctation. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	3
10	Changes in dynamic left ventricular function, assessed by the strain-volume loop, relate to reverse remodeling after aortic valve replacement. <i>Journal of Applied Physiology</i> , 2019 , 127, 415-422	3.7	3
9	The intra- and inter-operator variability of Echo-Doppler measurements for noninvasive pulmonary arterial pressure determination in congenital heart disease. <i>European Journal of Ultrasound: Official Journal of the European Federation of Societies for Ultrasound in Medicine and Biology</i> , 1996 , 4, 91-98		2
8	Common Genetic Variants Contribute to Risk of Transposition of the Great Arteries. <i>Circulation Research</i> , 2021 ,	15.7	2
7	Effect of stent implantation on blood pressure control in adults with coarctation of the aorta. <i>Cardiovascular Revascularization Medicine</i> , 2018 , 19, 944-950	1.6	1
6	Low Plasma Volume and Increased Pressure Load Relate to Concentric Left Ventricular Remodeling After Preeclampsia: A Longitudinal Study. <i>Journal of the American Heart Association</i> , 2020 , 9, e015043	6	1
5	Influence of Pregnancy on Aortic Diameter in Women With the Turner Syndrome. <i>American Journal of Cardiology</i> , 2021 , 140, 122-127	3	0
4	Selexipag treatment in patients with systemic sclerosis-associated pulmonary arterial hypertension in clinical practice, a case series.. <i>Journal of Scleroderma and Related Disorders</i> , 2020 , 5, NP7-NP11	2.3	
3	Left ventricular-right atrial communication caused by infective endocarditis: a peculiar presentation. <i>European Heart Journal</i> , 2016 , 37, 2202	9.5	
2	Massive left ventricular septum aneurysm with rupture to the right ventricle imaged by three-dimensional transthoracic echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2008 , 21, 187.e1	5.8	
1	Acute exercise-induced changes in cardiac function relates to right ventricular remodeling following 12-wk hypoxic exercise training. <i>Journal of Applied Physiology</i> , 2021 , 131, 511-519	3.7	