

Annemien E Van Den Bosch

List of Publications by Year in descending order

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Version: 2024-02-01

93
papers

2,538
citations

257450

24
h-index

223800

46
g-index

94
all docs

94
docs citations

94
times ranked

2675
citing authors

#	ARTICLE	IF	CITATIONS
1	Aortic dilation and growth in women with Turner syndrome. <i>Heart</i> , 2023, 109, 102-110.	2.9	7
2	Wall shear stress angle is associated with aortic growth in bicuspid aortic valve patients. <i>European Heart Journal Cardiovascular Imaging</i> , 2022, 23, 1680-1689.	1.2	15
3	Hypertensive response to exercise in adult patients with repaired aortic coarctation. <i>Heart</i> , 2022, , heartjnl-2021-320333.	2.9	7
4	Prognostic value of left atrial strain in patients with congenital aortic stenosis. <i>European Heart Journal Open</i> , 2022, 2, .	2.3	8
5	Left ventricular high frame rate echo-particle image velocimetry: clinical application and comparison with conventional imaging. <i>Cardiovascular Ultrasound</i> , 2022, 20, 11.	1.6	3
6	Evidence for a Role of CCR6+ T Cells in Chronic Thromboembolic Pulmonary Hypertension. <i>Frontiers in Immunology</i> , 2022, 13, 861450.	4.8	4
7	Prognostic value of brain natriuretic peptides in patients with pulmonary arterial hypertension: A systematic review and meta-analysis. <i>American Heart Journal</i> , 2022, 250, 34-44.	2.7	13
8	Prognostic value of C-reactive protein in adults with congenital heart disease. <i>Heart</i> , 2021, 107, 474-481.	2.9	11
9	Left ventricular strain values using 3D speckle-tracking echocardiography in healthy adults aged 20 to 72 years. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 1189-1201.	1.5	10
10	Imaging the adult with simple shunt lesions: position paper from the EACVI and the ESC WG on ACHD. Endorsed by AEPC (Association for European Paediatric and Congenital Cardiology). <i>European Heart Journal Cardiovascular Imaging</i> , 2021, 22, e58-e70.	1.2	10
11	Clinical outcome of COVID-19 in patients with adult congenital heart disease. <i>Heart</i> , 2021, 107, 1226-1232.	2.9	28
12	Bicuspid aortic valve annulus: assessment of geometry and size changes during the cardiac cycle as measured with a standardized method to define the annular plane. <i>European Radiology</i> , 2021, 31, 8116-8129.	4.5	5
13	Multi-plane echocardiographic assessment of right ventricular function in adults with repaired Tetralogy of Fallot. <i>International Journal of Cardiovascular Imaging</i> , 2021, 37, 2905-2915.	1.5	3
14	Quantitative assessment of the entire right ventricle from one acoustic window: An attractive approach in patients with congenital heart disease in daily practice. <i>International Journal of Cardiology</i> , 2021, 331, 75-81.	1.7	4
15	Clinical outcome of anomalous coronary artery with interarterial course in adults: Single-center experience combined with a systematic review. <i>International Journal of Cardiology</i> , 2021, 335, 32-39.	1.7	6
16	The longitudinal use of EmPHasis-10 and CAMPHOR questionnaire health-related quality of life scores in patients with pulmonary arterial hypertension and chronic thromboembolic pulmonary hypertension. <i>Respiratory Medicine</i> , 2021, 186, 106525.	2.9	9
17	Prevalence of Micronutrient Deficiencies and Relationship with Clinical and Patient-Related Outcomes in Pulmonary Hypertension Types I and IV. <i>Nutrients</i> , 2021, 13, 3923.	4.1	8
18	Cardiovascular Morbidity and Mortality in Adult Patients With Repaired Aortic Coarctation. <i>Journal of the American Heart Association</i> , 2021, 10, e023199.	3.7	13

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19	Evaluation of intraventricular flow by multimodality imaging: a review and meta-analysis. <i>Cardiovascular Ultrasound</i> , 2021, 19, 38.	1.6	6
20	Growth differentiation factor-15 as candidate predictor for mortality in adults with pulmonary hypertension. <i>Heart</i> , 2020, 106, 467-473.	2.9	14
21	Prognostic Value of Serial High-Sensitivity Troponin T Measurements in Adults With Congenital Heart Disease. <i>Canadian Journal of Cardiology</i> , 2020, 36, 1516-1524.	1.7	4
22	Variability in Echocardiographic Ascending Aortic Diameters due to Image Acquisition by Different Sonographers. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 249-252.e4.	2.8	0
23	Health-related quality of life and lived experiences in males and females with thoracic aortic disease and their partners. <i>Open Heart</i> , 2020, 7, e001419.	2.3	10
24	Evolution of blood biomarker levels following percutaneous atrial septal defect closure in adults. <i>IJC Heart and Vasculature</i> , 2020, 30, 100582.	1.1	3
25	Contrast-Enhanced High-Frame-Rate Ultrasound Imaging of Flow Patterns in Cardiac Chambers and Deep Vessels. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 2875-2890.	1.5	15
26	Left ventricular global longitudinal strain in bicuspid aortic valve patients: head-to-head comparison between computed tomography, 4D flow cardiovascular magnetic resonance and speckle-tracking echocardiography. <i>International Journal of Cardiovascular Imaging</i> , 2020, 36, 1771-1780.	1.5	5
27	Early detection of ventricular arrhythmias in adults with congenital heart disease using an insertable cardiac monitor (EDVA-CHD study). <i>International Journal of Cardiology</i> , 2020, 305, 63-69.	1.7	13
28	A value-based healthcare approach: Health-related quality of life and psychosocial functioning in women with Turner syndrome. <i>Clinical Endocrinology</i> , 2020, 92, 434-442.	2.4	20
29	Lower Plasma Melatonin Levels Predict Worse Long-Term Survival in Pulmonary Arterial Hypertension. <i>Journal of Clinical Medicine</i> , 2020, 9, 1248.	2.4	8
30	Blood biomarkers in patients with bicuspid aortic valve disease. <i>Journal of Cardiology</i> , 2020, 76, 287-294.	1.9	3
31	New Applications in Echocardiography for Ultrasound Contrast Agents in the 21st Century. <i>Ultrasound in Medicine and Biology</i> , 2020, 46, 1071-1081.	1.5	12
32	Abnormal Aortic Wall Properties in Women with Turner Syndrome. <i>Aorta</i> , 2020, 08, 121-131.	0.5	5
33	Development and validation of a risk prediction model in patients with adult congenital heart disease. <i>International Journal of Cardiology</i> , 2019, 276, 87-92.	1.7	28
34	Long-term clinical outcome and echocardiographic function of homografts in the right ventricular outflow tract. <i>European Journal of Cardio-thoracic Surgery</i> , 2019, 55, 518-526.	1.4	16
35	Intermodality variation of aortic dimensions: How, where and when to measure the ascending aorta. <i>International Journal of Cardiology</i> , 2019, 276, 230-235.	1.7	31
36	Myocardial Stretch Post-atrial Contraction in Healthy Volunteers and Hypertrophic Cardiomyopathy Patients. <i>Ultrasound in Medicine and Biology</i> , 2019, 45, 1987-1998.	1.5	13

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37	The Prognostic Value of Soluble ST2 in Adults with Pulmonary Hypertension. <i>Journal of Clinical Medicine</i> , 2019, 8, 1517.	2.4	14
38	Prognostic value of soluble ST2 in adults with congenital heart disease. <i>Heart</i> , 2019, 105, 999-1006.	2.9	22
39	The Prognostic Value of Myocardial Deformation in Adult Patients With Corrected Tetralogy of Fallot. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 866-875.e2.	2.8	24
40	Echocardiographic parameters of severe pulmonary regurgitation after surgical repair of tetralogy of Fallot. <i>Congenital Heart Disease</i> , 2019, 14, 628-637.	0.2	18
41	High-Frame-Rate Echo-Particle Image Velocimetry Can Measure the High-Velocity Diastolic Flow Patterns. <i>Circulation: Cardiovascular Imaging</i> , 2019, 12, e008856.	2.6	20
42	Study protocol for a prospective cohort study to investigate Hemodynamic Adaptation to Pregnancy and Placenta-related Outcome: the HAPPO study. <i>BMJ Open</i> , 2019, 9, e033083.	1.9	6
43	The prognostic value of various biomarkers in adults with pulmonary hypertension; a multi-biomarker approach. <i>American Heart Journal</i> , 2019, 208, 91-99.	2.7	24
44	Coronary anatomy in Turner syndrome versus patients with isolated bicuspid aortic valves. <i>Heart</i> , 2019, 105, 701-707.	2.9	7
45	Risk Factors for Pulmonary Hypertension in Adults After Atrial Septal Defect Closure. <i>American Journal of Cardiology</i> , 2019, 123, 1336-1342.	1.6	8
46	Educational Series in Congenital Heart Disease: Three-dimensional echocardiography in congenital heart disease. <i>Echo Research and Practice</i> , 2019, 6, R75-R86.	2.5	9
47	The prevalence of pulmonary arterial hypertension before and after atrial septal defect closure at adult age: A systematic review. <i>American Heart Journal</i> , 2018, 201, 63-71.	2.7	25
48	Three-dimensional echocardiography for the assessment of left ventricular geometry and papillary muscle morphology in hypertrophic cardiomyopathy. <i>Journal of Ultrasound</i> , 2018, 21, 17-24.	1.3	8
49	Prognostic Value of Serial N-terminal Pro-B-type Natriuretic Peptide Measurements in Adults With Congenital Heart Disease. <i>Journal of the American Heart Association</i> , 2018, 7, .	3.7	20
50	Red cell distribution width in adults with congenital heart disease: A worldwide available and low-cost predictor of cardiovascular events. <i>International Journal of Cardiology</i> , 2018, 260, 60-65.	1.7	26
51	Pulmonary arterial stiffness indices assessed by intravascular ultrasound in children with early pulmonary vascular disease: prediction of advanced disease and mortality during 20-year follow-up. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 216-224.	1.2	23
52	Prognostic value of galectin-3 in adults with congenital heart disease. <i>Heart</i> , 2018, 104, 394-400.	2.9	19
53	Aortic Dimensions and Clinical Outcome in Patients With SMAD3 Mutations. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e002329.	3.6	5
54	In-depth echocardiographic analysis of left atrial function in healthy adults using speckle tracking echocardiography and volumetric analysis. <i>Echocardiography</i> , 2018, 35, 1956-1965.	0.9	13

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55	Imaging the adult with congenital heart disease: a multimodality imaging approachâ€”position paper from the EACVI. <i>European Heart Journal Cardiovascular Imaging</i> , 2018, 19, 1077-1098.	1.2	71
56	Consensus recommendations for echocardiography in adults with congenital heart defects from the International Society of Adult Congenital Heart Disease (ISACHD). <i>International Journal of Cardiology</i> , 2018, 272, 77-83.	1.7	49
57	Prognostic significance of anterior mitral valve leaflet length in individuals with a hypertrophic cardiomyopathy gene mutation without hypertrophic changes. <i>Journal of Ultrasound</i> , 2018, 21, 217-224.	1.3	5
58	The unnatural history of pulmonary stenosis up to 40â€¦years after surgical repair. <i>Heart</i> , 2017, 103, 273-279.	2.9	9
59	Prognostic value of left atrial size and function in adults with tetralogy of Fallot. <i>International Journal of Cardiology</i> , 2017, 236, 125-131.	1.7	16
60	Partial anomalous pulmonary venous return in Turner syndrome. <i>European Journal of Radiology</i> , 2017, 95, 141-146.	2.6	17
61	Reply: Letter to the editor: Prognostic value of left atrial size and function in adults with tetralogy of Fallot. <i>International Journal of Cardiology</i> , 2017, 242, 37.	1.7	0
62	Transthoracic 3D echocardiographic left heart chamber quantification in patients with bicuspid aortic valve disease. <i>International Journal of Cardiovascular Imaging</i> , 2017, 33, 1895-1903.	1.5	11
63	Three-dimensional Echocardiography in Congenital Heart Disease: An Expert Consensus Document from the European Association of Cardiovascular Imaging and the American Society of Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2017, 30, 1-27.	2.8	108
64	Prognostic Value of N-Terminal Pro-B-Type Natriuretic Peptide, Troponin-T, and Growth-Differentiation Factor 15 in Adult Congenital Heart Disease. <i>Circulation</i> , 2017, 135, 264-279.	1.6	93
65	Quantitative assessment of the entire right ventricle from one acoustic window: an attractive approach. <i>European Heart Journal Cardiovascular Imaging</i> , 2017, 18, 754-762.	1.2	15
66	Adverse outcome of coarctation stenting in patients with Turner syndrome. <i>Catheterization and Cardiovascular Interventions</i> , 2017, 89, 280-287.	1.7	16
67	Longitudinal development of psychopathology and subjective health status in CHD adults: a 30- to 43-year follow-up in a unique cohort. <i>Cardiology in the Young</i> , 2016, 26, 547-555.	0.8	17
68	Normal myocardial strain values using 2D speckle tracking echocardiography in healthy adults aged 20 to 72Âyears. <i>Echocardiography</i> , 2016, 33, 1665-1675.	0.9	53
69	A Novel 13â€¦Segment Standardized Model for Assessment of Right Ventricular Function Using Twoâ€¦Dimensional <i>otate Echocardiography</i> . <i>Echocardiography</i> , 2016, 33, 353-361.	0.9	10
70	Quantitative assessment of systolic left ventricular function with speckle-tracking echocardiography in adult patients with repaired aortic coarctation. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 777-787.	1.5	23
71	Matrix metalloproteinases as candidate biomarkers in adults with congenital heart disease. <i>Biomarkers</i> , 2016, 21, 466-473.	1.9	11
72	Qualitative grading of aortic regurgitation: a pilot study comparing CMR 4D flow and echocardiography. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 301-307.	1.5	28

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73	Use and impact of cardiac medication during pregnancy. <i>Future Cardiology</i> , 2015, 11, 89-100.	1.2	8
74	Ventricular myocardial deformation in adults after early surgical repair of atrial septal defect. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 549-557.	1.2	19
75	Assessment of ventricular function in adults with repaired Tetralogy of Fallot using myocardial deformation imaging. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, jev090.	1.2	46
76	High-sensitive troponin-T in adult congenital heart disease. <i>International Journal of Cardiology</i> , 2015, 184, 405-411.	1.7	28
77	Sports participation in adults with congenital heart disease. <i>International Journal of Cardiology</i> , 2015, 187, 175-182.	1.7	30
78	Association between N-terminal pro-brain natriuretic peptide and quality of life in adult patients with congenital heart disease. <i>Cardiology in the Young</i> , 2015, 25, 288-294.	0.8	5
79	The Unnatural History of the Ventricular Septal Defect. <i>Journal of the American College of Cardiology</i> , 2015, 65, 1941-1951.	2.8	84
80	Quantitative assessment of systolic right ventricular function using myocardial deformation in patients with a systemic right ventricle. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 380-388.	1.2	35
81	Characterization of atrial septal defect by simultaneous multiplane two-dimensional echocardiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2014, 15, 1145-1151.	1.2	12
82	The natural and unnatural history of the Mustard procedure: long-term outcome up to 40 years. <i>European Heart Journal</i> , 2014, 35, 1666-1674.	2.2	151
83	Unnatural History of Tetralogy of Fallot. <i>Circulation</i> , 2014, 130, 1944-1953.	1.6	187
84	Associations between N-terminal pro-B-type natriuretic peptide and cardiac function in adults with corrected tetralogy of Fallot. <i>International Journal of Cardiology</i> , 2014, 174, 550-556.	1.7	14
85	N-Terminal Pro-B-Type Natriuretic Peptide and Its Relationship With Cardiac Function in Adults With Congenital Heart Disease. <i>Journal of the American College of Cardiology</i> , 2013, 62, 1203-1212.	2.8	79
86	The Usefulness of Brain Natriuretic Peptide in Complex Congenital Heart Disease. <i>Journal of the American College of Cardiology</i> , 2012, 60, 2140-2149.	2.8	141
87	Feasibility and Accuracy of Real-time 3-Dimensional Echocardiographic Assessment of Ventricular Septal Defects. <i>Journal of the American Society of Echocardiography</i> , 2006, 19, 7-13.	2.8	47
88	Real-Time Transthoracic Three-Dimensional Echocardiographic Assessment of Left Ventricular Volume and Ejection Fraction in Congenital Heart Disease. <i>Journal of the American Society of Echocardiography</i> , 2006, 19, 1-6.	2.8	92
89	Characterization of Atrial Septal Defect Assessed by Real-time 3-Dimensional Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2006, 19, 815-821.	2.8	63
90	Surgical validation of real-time transthoracic 3D echocardiographic assessment of atrioventricular septal defects. <i>International Journal of Cardiology</i> , 2006, 112, 213-218.	1.7	35

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91	Comparison of Real-Time Three-Dimensional Echocardiography to Magnetic Resonance Imaging for Assessment of Left Ventricular Mass. American Journal of Cardiology, 2006, 97, 113-117.	1.6	84
92	Dynamic 3D echocardiography in virtual reality. Cardiovascular Ultrasound, 2005, 3, 37.	1.6	23
93	Long-term outcome and quality of life in adult patients after the Fontan operation. American Journal of Cardiology, 2004, 93, 1141-1145.	1.6	142