

# Bas M Van Dalen

## List of Publications by Year in descending order

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34  
papers

922  
citations

567281

15  
h-index

454955

30  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1108  
citing authors

#	ARTICLE	IF	CITATIONS
1	Importance of Transducer Position in the Assessment of Apical Rotation by Speckle Tracking Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2008, 21, 895-898.	2.8	123
2	Left ventricular solid body rotation in non-compaction cardiomyopathy: A potential new objective and quantitative functional diagnostic criterion?. <i>European Journal of Heart Failure</i> , 2008, 10, 1088-1093.	7.1	106
3	Age-related changes in the biomechanics of left ventricular twist measured by speckle tracking echocardiography. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2008, 295, H1705-H1711.	3.2	77
4	Influence of cardiac shape on left ventricular twist. <i>Journal of Applied Physiology</i> , 2010, 108, 146-151.	2.5	76
5	Diagnostic Value of Rigid Body Rotation in Noncompaction Cardiomyopathy. <i>Journal of the American Society of Echocardiography</i> , 2011, 24, 548-555.	2.8	74
6	Feasibility and reproducibility of left ventricular rotation parameters measured by speckle tracking echocardiography. <i>European Journal of Echocardiography</i> , 2009, 10, 669-676.	2.3	68
7	Left ventricular twist and untwist in aortic stenosis. <i>International Journal of Cardiology</i> , 2011, 148, 319-324.	1.7	41
8	Cardiac Shear Wave Elastography Using a Clinical Ultrasound System. <i>Ultrasound in Medicine and Biology</i> , 2017, 43, 1596-1606.	1.5	37
9	Alterations in Left Ventricular Untwisting With Ageing. <i>Circulation Journal</i> , 2010, 74, 101-108.	1.6	34
10	Assessment of Mitral Annular Velocities by Speckle Tracking Echocardiography versus Tissue Doppler Imaging: Validation, Feasibility, and Reproducibility. <i>Journal of the American Society of Echocardiography</i> , 2009, 22, 1302-1308.	2.8	32
11	Delayed Left Ventricular Untwisting in Hypertrophic Cardiomyopathy. <i>Journal of the American Society of Echocardiography</i> , 2009, 22, 1320-1326.	2.8	31
12	Insights into Left Ventricular Function from the Time Course of Regional and Global Rotation by Speckle Tracking Echocardiography. <i>Echocardiography</i> , 2009, 26, 371-377.	0.9	30
13	Naturally Occurring Shear Waves in Healthy Volunteers and Hypertrophic Cardiomyopathy Patients. <i>Ultrasound in Medicine and Biology</i> , 2019, 45, 1977-1986.	1.5	23
14	Subclinical cardiac dysfunction in obesity patients is linked to autonomic dysfunction: findings from the CARDIOBESE study. <i>ESC Heart Failure</i> , 2020, 7, 3726-3737.	3.1	19
15	A simple, fast and reproducible echocardiographic approach to grade left ventricular diastolic function. <i>International Journal of Cardiovascular Imaging</i> , 2016, 32, 743-752.	1.5	17
16	Assessment of Subendocardial Contractile Function in Aortic Stenosis: A Study Using Speckle Tracking Echocardiography. <i>Echocardiography</i> , 2013, 30, 293-300.	0.9	15
17	Cellular, mitochondrial and molecular alterations associate with early left ventricular diastolic dysfunction in a porcine model of diabetic metabolic derangement. <i>Scientific Reports</i> , 2020, 10, 13173.	3.3	15
18	Early detection of left ventricular diastolic dysfunction using conventional and speckle tracking echocardiography in a large animal model of metabolic dysfunction. <i>International Journal of Cardiovascular Imaging</i> , 2017, 34, 743-749.	1.5	13

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19	Cross-sectional and prospective follow-up study to detect early signs of cardiac dysfunction in obesity: protocol of the CARDIOBESE study. <i>BMJ Open</i> , 2018, 8, e025585.	1.9	12
20	Delayed and decreased LV untwist and unstrain rate in mutation carriers for hypertrophic cardiomyopathy. <i>European Heart Journal Cardiovascular Imaging</i> , 2016, 18, jew213.	1.2	10
21	Optimized electrocardiographic criteria for the detection of left ventricular hypertrophy in obesity patients. <i>Clinical Cardiology</i> , 2020, 43, 483-490.	1.8	10
22	Left Ventricular Untwisting in Restrictive and Pseudorestrictive Left Ventricular Filling: Novel Insights into Diastology. <i>Echocardiography</i> , 2010, 27, 269-274.	0.9	8
23	Repeated Echocardiograms Do Not Provide Incremental Prognostic Value to Single Echocardiographic Assessment in Minimally Symptomatic Patients with Chronic Heart Failure: Results of the Bio-SHiFT Study. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 1000-1009.	2.8	7
24	Longitudinal patterns of N-terminal pro B-type natriuretic peptide, troponin T, and C-reactive protein in relation to the dynamics of echocardiographic parameters in heart failure patients. <i>European Heart Journal Cardiovascular Imaging</i> , 2020, 21, 1005-1012.	1.2	7
25	Round-the-clock performance of coronary CT angiography for suspected acute coronary syndrome: Results from the BEACON trial. <i>European Radiology</i> , 2018, 28, 2169-2175.	4.5	6
26	Feasibility and Reproducibility of Transthoracic Echocardiography in Obese Patients. <i>Journal of the American Society of Echocardiography</i> , 2019, 32, 1491-1493.e5.	2.8	6
27	Cardiac Function Normalizes 1 Year After Bariatric Surgery in Half of the Obesity Patients with Subclinical Cardiac Dysfunction. <i>Obesity Surgery</i> , 2021, 31, 4206-4209.	2.1	6
28	Effect of catheter-based renal denervation on left ventricular function, mass and (un)twist with two-dimensional speckle tracking echocardiography. <i>Journal of Echocardiography</i> , 2017, 15, 158-165.	0.8	5
29	Relation between $E/e^{\prime}$ ratio and NT-proBNP levels in elderly patients with symptomatic severe aortic stenosis. <i>Cardiovascular Ultrasound</i> , 2015, 13, 29.	1.6	4
30	Determinants of changes in pulmonary artery pressure in patients with severe aortic stenosis treated by transcatheter aortic valve implantation. <i>Acta Cardiologica</i> , 2021, 76, 185-193.	0.9	4
31	Cardiovascular Biomarker Profiles in Obesity and Relation to Normalization of Subclinical Cardiac Dysfunction after Bariatric Surgery. <i>Cells</i> , 2022, 11, 422.	4.1	4
32	Biomarker profiles in obesity patients and their relation to cardiac dysfunction. <i>Biomarkers in Medicine</i> , 2021, 15, 1211-1221.	1.4	2
33	Authors' Reply. <i>Journal of the American Society of Echocardiography</i> , 2020, 33, 521.	2.8	0
34	Undetectable High-sensitivity Troponin T as a Gatekeeper for Coronary CT Angiography in Patients Suspected of Acute Coronary Syndrome.. <i>Cardiology</i> , 2021, 146, 713-719.	1.4	0