

# Aristomenis Manouras

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

522  
citations

686830

13  
h-index

713013

21  
g-index

42  
all docs

42  
docs citations

42  
times ranked

931  
citing authors

#	ARTICLE	IF	CITATIONS
1	Visually estimated ejection fraction by two dimensional and triplane echocardiography is closely correlated with quantitative ejection fraction by real-time three dimensional echocardiography. <i>Cardiovascular Ultrasound</i> , 2009, 7, 41.	0.5	69
2	Left atrial strain improves estimation of filling pressures in heart failure: a simultaneous echocardiographic and invasive haemodynamic study. <i>Clinical Research in Cardiology</i> , 2019, 108, 703-715.	1.5	51
3	Determinants and prognostic implications of the negative diastolic pulmonary pressure gradient in patients with pulmonary hypertension due to left heart disease. <i>European Journal of Heart Failure</i> , 2017, 19, 88-97.	2.9	43
4	Direct Measurement of Left Ventricular Outflow Tract Area Using Three-dimensional Echocardiography in Biplane Mode Improves Accuracy of Stroke Volume Assessment. <i>Echocardiography</i> , 2010, 27, 1078-1085.	0.3	30
5	Impaired left atrial dynamics and its improvement by guided physical activity reveal left atrial strain as a novel early indicator of reversible cardiac dysfunction in rheumatoid arthritis. <i>European Journal of Preventive Cardiology</i> , 2018, 25, 1106-1108.	0.8	23
6	Sex differences in response to maximal exercise stress test in trained adolescents. <i>BMC Pediatrics</i> , 2012, 12, 127.	0.7	19
7	The pulmonary capillary wedge pressure accurately reflects both normal and elevated left atrial pressure. <i>American Heart Journal</i> , 2014, 167, 876-883.	1.2	19
8	Combination of contrast-enhanced wall motion analysis and myocardial deformation imaging during dobutamine stress echocardiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2015, 16, 88-95.	0.5	18
9	Comparison between colour-coded and spectral tissue Doppler measurements of systolic and diastolic myocardial velocities: effect of temporal filtering and offline gain setting. <i>European Journal of Echocardiography</i> , 2009, 10, 406-413.	2.3	17
10	Three-dimensional echocardiography using single-heartbeat modality decreases variability in measuring left ventricular volumes and function in comparison to four-beat technique in atrial fibrillation. <i>Cardiovascular Ultrasound</i> , 2010, 8, 45.	0.5	17
11	Transesophageal echocardiography measurements of aortic annulus diameter using biplane mode in patients undergoing transcatheter aortic valve implantation. <i>Cardiovascular Ultrasound</i> , 2013, 11, 5.	0.5	17
12	The value of E/Em ratio in the estimation of left ventricular filling pressures: Impact of acute load reduction. <i>International Journal of Cardiology</i> , 2013, 166, 589-595.	0.8	17
13	Three-dimensional dynamic morphology of the mitral valve in different forms of mitral valve prolapse – potential implications for annuloplasty ring selection. <i>Cardiovascular Ultrasound</i> , 2015, 14, 32.	0.5	17
14	Increases in Cardiac Output and Oxygen Consumption During Enhanced External Counterpulsation. <i>Heart Lung and Circulation</i> , 2016, 25, 1133-1136.	0.2	14
15	Atrial disease and heart failure: the common soil hypothesis proposed by the Heart Failure Association of the European Society of Cardiology. <i>European Heart Journal</i> , 2022, 43, 863-867.	1.0	14
16	Arterial vasodilatory and ventricular diastolic reserves determine the stroke volume response to exercise in elderly female hypertensive patients. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011, 301, H2433-H2441.	1.5	13
17	Haemodynamic effects of levosimendan in advanced but stable chronic heart failure. <i>ESC Heart Failure</i> , 2018, 5, 302-308.	1.4	12
18	Altered ventriculo-arterial coupling during exercise in athletes releasing biomarkers after endurance running. <i>European Journal of Applied Physiology</i> , 2012, 112, 4069-4079.	1.2	11

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19	Two-Dimensional Color Doppler Echocardiography for Left Ventricular Stroke Volume Assessment: A Comparison Study with Three-Dimensional Echocardiography. <i>Echocardiography</i> , 2012, 29, 766-772.	0.3	10
20	Effects of Prolonged Exercise on Left Ventricular Mechanical Synchrony in Long-Distance Runners: Importance of Previous Exposure to Endurance Races. <i>Journal of the American Society of Echocardiography</i> , 2010, 23, 977-984.	1.2	8
21	Prosthesis-patient mismatch after transcatheter aortic valve implantation: impact of 2D-transthoracic echocardiography versus 3D-transesophageal echocardiography. <i>International Journal of Cardiovascular Imaging</i> , 2014, 30, 1549-1557.	0.7	8
22	The impact of arterial load on left ventricular performance: an invasive haemodynamic study in severe mitral stenosis. <i>Journal of Physiology</i> , 2015, 593, 1901-1912.	1.3	8
23	The additive value of echocardiographic pulmonary to left atrial global strain ratio in the diagnosis of pulmonary hypertension. <i>International Journal of Cardiology</i> , 2019, 292, 205-210.	0.8	8
24	Measurements of left ventricular myocardial longitudinal systolic displacement using spectral and colour tissue Doppler: time for a reassessment?. <i>Cardiovascular Ultrasound</i> , 2009, 7, 12.	0.5	7
25	Doppler estimates of pulmonary vascular resistance to phenotype pulmonary hypertension in heart failure. <i>International Journal of Cardiovascular Imaging</i> , 2019, 35, 1465-1472.	0.7	7
26	Are measurements of systolic myocardial velocities and displacement with colour and spectral Tissue Doppler compatible?. <i>Cardiovascular Ultrasound</i> , 2009, 7, 29.	0.5	6
27	Echocardiographic Biventricular Coupling Index to Predict Precapillary Pulmonary Hypertension. <i>Journal of the American Society of Echocardiography</i> , 2022, 35, 715-726.	1.2	6
28	Impact of tachycardia and sympathetic stimulation by cold pressor test on cardiac diastology and arterial function in elderly females. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2013, 304, H1002-H1009.	1.5	5
29	The Differential Impact of the Left Atrial Pressure Components on Pulmonary Arterial Compliance-Resistance Relationship in Heart Failure. <i>Journal of Cardiac Failure</i> , 2021, 27, 277-285.	0.7	5
30	Feasibility and accuracy of tricuspid annular displacement assessed by speckle tracking echocardiography and Doppler tissue imaging. <i>Echocardiography</i> , 2019, 36, 2004-2009.	0.3	4
31	The Predictive Value of Left Atrial Strain Following Transcatheter Aortic Valve Implantation on Anatomical and Functional Reverse Remodeling in a Multi-Modality Study. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 841658.	1.1	4
32	Critical appraisal of the instantaneous end-diastolic pulmonary arterial wedge pressures. <i>ESC Heart Failure</i> , 2020, 7, 4247-4255.	1.4	3
33	Optimizing diastolic pressure gradient assessment. <i>Clinical Research in Cardiology</i> , 2020, 109, 1411-1422.	1.5	3
34	Association between central haemodynamics and renal function in advanced heart failure: a nationwide study from Sweden. <i>ESC Heart Failure</i> , 2022, 9, 2654-2663.	1.4	3
35	Gender differences in myocardial function and arterio-ventricular coupling in response to maximal exercise in adolescent floor-ball players. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2014, 6, 24.	0.7	2
36	Hemodynamic outcomes of transcatheter aortic valve implantation with the CoreValve system: an early assessment. <i>Clinical Physiology and Functional Imaging</i> , 2015, 35, 216-222.	0.5	1

#	ARTICLE	IF	CITATIONS
37	Right ventricular wave reflection relate to clinical measures in pulmonary arterial hypertension. Scandinavian Cardiovascular Journal, 2015, 49, 235-239.	0.4	1
38	Arterial-ventricular and interventricular interaction in isolated post-capillary and combined pulmonary hypertension in severe mitral stenosis. European Journal of Applied Physiology, 2016, 116, 1545-1554.	1.2	1
39	Heart rate and dyssynchrony in patients with cardiac resynchronization therapy: a pilot study. Scandinavian Cardiovascular Journal, 2017, 51, 143-152.	0.4	1
40	The early diastolic myocardial velocity: a marker of increased risk in patients with coronary heart disease. Clinical Physiology and Functional Imaging, 2014, 34, 389-396.	0.5	0
41	Pulmonary Hypertension and Heart Failure With Preserved Ejection Fraction: Treating Resistance, Impedance, and Compliance. Journal of Cardiac Failure, 2020, 26, 662-663.	0.7	0
42	297â€fEchocardiographic biventricular coupling index to predict pre-capillary pulmonary hypertension. European Heart Journal Supplements, 2021, 23, .	0.0	0