

Aristomenis Manouras

List of Publications by Year in descending order

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papers

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citations

687363
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docs citations

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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. Cardiovascular Ultrasound, 2009, 7, 41.	1.6	69
2	Left atrial strain improves estimation of filling pressures in heart failure: a simultaneous echocardiographic and invasive haemodynamic study. Clinical Research in Cardiology, 2019, 108, 703-715.	3.3	51
3	Determinants and prognostic implications of the negative diastolic pulmonary pressure gradient in patients with pulmonary hypertension due to left heart disease. European Journal of Heart Failure, 2017, 19, 88-97.	7.1	43
4	Direct Measurement of Left Ventricular Outflow Tract Area Using Three-dimensional Echocardiography in Biplane Mode Improves Accuracy of Stroke Volume Assessment. Echocardiography, 2010, 27, 1078-1085.	0.9	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. European Journal of Preventive Cardiology, 2018, 25, 1106-1108.	1.8	23
6	Sex differences in response to maximal exercise stress test in trained adolescents. BMC Pediatrics, 2012, 12, 127.	1.7	19
7	The pulmonary capillary wedge pressure accurately reflects both normal and elevated left atrial pressure. American Heart Journal, 2014, 167, 876-883.	2.7	19
8	Combination of contrast-enhanced wall motion analysis and myocardial deformation imaging during dobutamine stress echocardiography. European Heart Journal Cardiovascular Imaging, 2015, 16, 88-95.	1.2	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. European Journal of Echocardiography, 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. Cardiovascular Ultrasound, 2010, 8, 45.	1.6	17
11	Transesophageal echocardiography measurements of aortic annulus diameter using biplane mode in patients undergoing transcatheter aortic valve implantation. Cardiovascular Ultrasound, 2013, 11, 5.	1.6	17
12	The value of E/Em ratio in the estimation of left ventricular filling pressures: Impact of acute load reduction. International Journal of Cardiology, 2013, 166, 589-595.	1.7	17
13	Three-dimensional dynamic morphology of the mitral valve in different forms of mitral valve prolapse â€” potential implications for annuloplasty ring selection. Cardiovascular Ultrasound, 2015, 14, 32.	1.6	17
14	Increases in Cardiac Output and Oxygen Consumption During Enhanced External Counterpulsation. Heart Lung and Circulation, 2016, 25, 1133-1136.	0.4	14
15	Atrial disease and heart failure: the common soil hypothesis proposed by the Heart Failure Association of the European Society of Cardiology. European Heart Journal, 2022, 43, 863-867.	2.2	14
16	Arterial vasodilatory and ventricular diastolic reserves determine the stroke volume response to exercise in elderly female hypertensive patients. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 301, H2433-H2441.	3.2	13
17	Haemodynamic effects of levosimendan in advanced but stable chronic heart failure. ESC Heart Failure, 2018, 5, 302-308.	3.1	12
18	Altered ventriculo-arterial coupling during exercise in athletes releasing biomarkers after endurance running. European Journal of Applied Physiology, 2012, 112, 4069-4079.	2.5	11

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19	Twoâ€Dimensional Color Doppler Echocardiography for Left Ventricular Stroke Volume Assessment: A Comparison Study with Threeâ€Dimensional Echocardiography. Echocardiography, 2012, 29, 766-772.	0.9	10
20	Effects of Prolonged Exercise on Left Ventricular Mechanical Synchrony in Long-Distance Runners: Importance of Previous Exposure to Endurance Races. Journal of the American Society of Echocardiography, 2010, 23, 977-984.	2.8	8
21	Prosthesis-patient mismatch after transcatheter aortic valve implantation: impact of 2D-transthoracic echocardiography versus 3D-transesophageal echocardiography. International Journal of Cardiovascular Imaging, 2014, 30, 1549-1557.	1.5	8
22	The impact of arterial load on left ventricular performance: an invasive haemodynamic study in severe mitral stenosis. Journal of Physiology, 2015, 593, 1901-1912.	2.9	8
23	The additive value of echocardiographic pulmonary to left atrial global strain ratio in the diagnosis of pulmonary hypertension. International Journal of Cardiology, 2019, 292, 205-210.	1.7	8
24	Measurements of left ventricular myocardial longitudinal systolic displacement using spectral and colour tissue Doppler: time for a reassessment?. Cardiovascular Ultrasound, 2009, 7, 12.	1.6	7
25	Doppler estimates of pulmonary vascular resistance to phenotype pulmonary hypertension in heart failure. International Journal of Cardiovascular Imaging, 2019, 35, 1465-1472.	1.5	7
26	Are measurements of systolic myocardial velocities and displacement with colour and spectral Tissue Doppler compatible?. Cardiovascular Ultrasound, 2009, 7, 29.	1.6	6
27	Echocardiographic Biventricular Coupling Index to Predict Precapillary Pulmonary Hypertension. Journal of the American Society of Echocardiography, 2022, 35, 715-726.	2.8	6
28	Impact of tachycardia and sympathetic stimulation by cold pressor test on cardiac diastology and arterial function in elderly females. American Journal of Physiology - Heart and Circulatory Physiology, 2013, 304, H1002-H1009.	3.2	5
29	The Differential Impact of the Left Atrial Pressure Components on Pulmonary Arterial Complianceâ€Resistance Relationship in Heart Failure. Journal of Cardiac Failure, 2021, 27, 277-285.	1.7	5
30	Feasibility and accuracy of tricuspid annular displacement assessed by speckle tracking echocardiography and Doppler tissue imaging. Echocardiography, 2019, 36, 2004-2009.	0.9	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. Frontiers in Cardiovascular Medicine, 2022, 9, 841658.	2.4	4
32	Critical appraisal of the instantaneous endâ€diastolic pulmonary arterial wedge pressures. ESC Heart Failure, 2020, 7, 4247-4255.	3.1	3
33	Optimizing diastolic pressure gradient assessment. Clinical Research in Cardiology, 2020, 109, 1411-1422.	3.3	3
34	Association between central haemodynamics and renal function in advanced heart failure: a nationwide study from Sweden. ESC Heart Failure, 2022, 9, 2654-2663.	3.1	3
35	Gender differences in myocardial function and arterio-ventricular coupling in response to maximal exercise in adolescent floor-ball players. BMC Sports Science, Medicine and Rehabilitation, 2014, 6, 24.	1.7	2
36	Hemodynamic outcomes of transcatheter aortic valve implantation with the CoreValve system: an early assessment. Clinical Physiology and Functional Imaging, 2015, 35, 216-222.	1.2	1

#	ARTICLE	IF	CITATIONS
37	Right ventricular wave reflection relate to clinical measures in pulmonary arterial hypertension. Scandinavian Cardiovascular Journal, 2015, 49, 235-239.	1.2	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.	2.5	1
39	Heart rate and dyssynchrony in patients with cardiac resynchronization therapy: a pilot study. Scandinavian Cardiovascular Journal, 2017, 51, 143-152.	1.2	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.	1.2	0
41	Pulmonary Hypertension and Heart Failure With Preserved Ejection Fraction: Treating Resistance, Impedance, and Compliance. Journal of Cardiac Failure, 2020, 26, 662-663.	1.7	0
42	297â€fEchocardiographic biventricular coupling index to predict pre-capillary pulmonary hypertension. European Heart Journal Supplements, 2021, 23, .	0.1	0