

Malcolm E Legget

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

2,222
citations

430874

18
h-index

395702

33
g-index

47
all docs

47
docs citations

47
times ranked

1904
citing authors

#	ARTICLE	IF	CITATIONS
1	Prospective Study of Asymptomatic Valvular Aortic Stenosis. <i>Circulation</i> , 1997, 95, 2262-2270.	1.6	920
2	Increased Plasma Natriuretic Peptide Levels Reflect Symptom Onset in Aortic Stenosis. <i>Circulation</i> , 2003, 107, 1884-1890.	1.6	277
3	Three-dimensional echocardiographic assessment of annular shape changes in the normal and regurgitant mitral valve. <i>American Heart Journal</i> , 2000, 139, 378-387.	2.7	178
4	System for quantitative three-dimensional echocardiography of the left ventricle based on a magnetic-field position and orientation sensing system. <i>IEEE Transactions on Biomedical Engineering</i> , 1998, 45, 494-504.	4.2	101
5	Usefulness of serial measurement of N-terminal pro-brain natriuretic peptide plasma levels in asymptomatic patients with aortic stenosis to predict symptomatic deterioration. <i>American Journal of Cardiology</i> , 2005, 95, 898-901.	1.6	84
6	Physical examination in valvular aortic stenosis: Correlation with stenosis severity and prediction of clinical outcome. <i>American Heart Journal</i> , 1999, 137, 298-306.	2.7	82
7	Left ventricular systolic and diastolic function assessed by tissue Doppler imaging and outcome in asymptomatic aortic stenosis. <i>European Heart Journal</i> , 2010, 31, 2216-2222.	2.2	72
8	Gender differences in left ventricular function at rest and with exercise in asymptomatic aortic stenosis. <i>American Heart Journal</i> , 1996, 131, 94-100.	2.7	66
9	Longitudinal left ventricular contractile dysfunction after exercise in aortic stenosis. <i>Heart</i> , 2007, 93, 732-738.	2.9	59
10	Associations between plasma natriuretic peptide levels, symptoms, and left ventricular function in patients with chronic aortic regurgitation. <i>American Journal of Cardiology</i> , 2003, 92, 755-758.	1.6	50
11	Effect of aortic valve replacement on c-reactive protein in nonrheumatic aortic stenosis. <i>American Journal of Cardiology</i> , 2003, 92, 1129-1132.	1.6	45
12	Three-Dimensional Measurement of the Mitral Annulus by Multiplane Transesophageal Echocardiography: In Vitro Validation and In Vivo Demonstration. <i>Journal of the American Society of Echocardiography</i> , 1998, 11, 188-200.	2.8	39
13	Chronic extra-aortic balloon counterpulsation: First-in-human pilot study in end-stage heart failure. <i>Journal of Heart and Lung Transplantation</i> , 2010, 29, 1427-1432.	0.6	30
14	Early experience with the Mosaic bioprosthesis: a new generation porcine valve. <i>Annals of Thoracic Surgery</i> , 2000, 69, 1846-1850.	1.3	28
15	Rapid construction of a patient-specific torso model from 3D ultrasound for non-invasive imaging of cardiac electrophysiology. <i>Medical and Biological Engineering and Computing</i> , 2005, 43, 325-330.	2.8	28
16	Polygenic Risk Scores in Coronary Artery Disease and Atrial Fibrillation. <i>Heart Lung and Circulation</i> , 2020, 29, 634-640.	0.4	23
17	Extra-Aortic Balloon Counterpulsation. <i>Circulation</i> , 2005, 112, I26-31.	1.6	20
18	Increased B-type natriuretic peptide is associated with an abnormal blood pressure response to exercise in asymptomatic aortic stenosis. <i>International Journal of Cardiology</i> , 2008, 127, 313-320.	1.7	19

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19	Morphologic features of the rheumatic mitral regurgitant valve by three-dimensional echocardiography. <i>American Heart Journal</i> , 2001, 142, 897-907.	2.7	12
20	Clinical Characteristics and Burden of Risk Factors Among Patients With Early Onset Acute Coronary Syndromes: The ANZACS-QI New Zealand National Cohort (ANZACS-QI 17). <i>Heart Lung and Circulation</i> , 2018, 27, 568-575.	0.4	12
21	Usefulness of Parameters of Left Ventricular Wall Stress and Systolic Function in the Evaluation of Patients with Aortic Stenosis. <i>Echocardiography</i> , 1999, 16, 701-710.	0.9	11
22	Digital devices for teaching cardiac auscultation - a randomized pilot study. <i>Medical Education Online</i> , 2018, 23, 1524688.	2.6	11
23	Impact of chronic kidney disease on mortality and cardiovascular outcomes after acute coronary syndrome: A nationwide data linkage study (ANZACS-QI 44). <i>Nephrology</i> , 2020, 25, 535-543.	1.6	11
24	Systematic Comparison of Left Ventricular Geometry Between 3D-Echocardiography and Cardiac Magnetic Resonance Imaging. <i>Frontiers in Cardiovascular Medicine</i> , 2021, 8, 728205.	2.4	10
25	AUTOMATIC BORDER DETECTION AND THREE-DIMENSIONAL RECONSTRUCTION WITH ECHOCARDIOGRAPHY. <i>Critical Care Clinics</i> , 1996, 12, 471-496.	2.6	7
26	How positionally stable is a transesophageal echocardiographic probe? Implications for three-dimensional reconstruction. <i>Journal of the American Society of Echocardiography</i> , 1996, 9, 266-273.	2.8	5
27	Acute coronary syndrome registry enrolment status: differences in patient characteristics and outcomes and implications for registry data use (ANZACS-QI 36). <i>European Heart Journal Quality of Care & Clinical Outcomes</i> , 2021, 7, 542-547.	4.0	4
28	The value of CT cardiac angiography and CT calcium score testing in a modern cardiology service in New Zealand: a report of a single centre eight-year experience from 5,237 outpatient procedures. <i>New Zealand Medical Journal</i> , 2016, 129, 22-32.	0.5	4
29	901-51 Three Dimensional Reconstruction Using a New Dual Axis Multiplane Transesophageal Echo Probe: Calculation of Left Ventricular Volume. <i>Journal of the American College of Cardiology</i> , 1995, 25, 17A.	2.8	3
30	The Multi-Ethnic New Zealand Study of Acute Coronary Syndromes (MENZACS): Design and Methodology. <i>Neurology International</i> , 2021, 11, 84-97.	0.5	3
31	Emerging Biomarkers in Acute Coronary Syndromes – A Pathophysiologic Perspective. <i>Heart Lung and Circulation</i> , 2022, 31, 779-786.	0.4	3
32	Lack of improvement in exercise duration or functional status after valve replacement for aortic stenosis. <i>Journal of the American College of Cardiology</i> , 1996, 27, 142.	2.8	2
33	Pointwise assessment of three-dimensional computer reconstruction of mitral leaflet surfaces from rotationally scanned echocardiograms in vitro. <i>Journal of the American Society of Echocardiography</i> , 2004, 17, 239-246.	2.8	2
34	The Mitral Valve. , 2011, , 135-162.		1
35	922-60 How Positionally Stable is a Transesophageal Echo Probe During 3 Dimensional Imaging? Implications for 3 Dimensional Reconstruction. <i>Journal of the American College of Cardiology</i> , 1995, 25, 102A.	2.8	0
36	970-3 Aortic Root Dilation in Marfan's Syndrome: Relationship to Outcome. <i>Journal of the American College of Cardiology</i> , 1995, 25, 245A.	2.8	0

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37	975-77 Gender Associated Differences in Asymptomatic Aortic Stenosis: Exercise Capacity, Functional Status, and Diastolic Left Ventricular Filling. Journal of the American College of Cardiology, 1995, 25, 253A.	2.8	0
38	Natriuretic peptides are elevated in aortic regurgitation but correlate poorly with disease severity. Heart Lung and Circulation, 2003, 12, A79.	0.4	0
39	Giant Complex Aortic Arch Aneurysm and Dissection. Heart Lung and Circulation, 2013, 22, 879-880.	0.4	0
40	Risk Factor Burden in Young First-acute Coronary Syndrome Patients: The ANZACS-QI New Zealand National Cohort. Heart Lung and Circulation, 2016, 25, S5-S6.	0.4	0
41	Evolving Transcatheter Aortic Valve Implantation (TAVI)- Mercy Experience 2008â€“2016. Heart Lung and Circulation, 2016, 25, S16.	0.4	0
42	Outcomes for working age patients after first-time acute coronary syndrome â€“ ANZACS-QI 35. International Journal of Cardiology, 2021, 328, 55-58.	1.7	0