

# Thomas H Marwick,, Facc

## List of Publications by Citations

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751  
papers

45,582  
citations

109  
h-index

185  
g-index

948  
ext. papers

53,500  
ext. citations

5.6  
avg, IF

7.71  
L-index

#	Paper	IF	Citations
751	Left ventricular dyssynchrony predicts response and prognosis after cardiac resynchronization therapy. <i>Journal of the American College of Cardiology</i> , <b>2004</b> , 44, 1834-40	15.1	862
750	Current and evolving echocardiographic techniques for the quantitative evaluation of cardiac mechanics: ASE/EAE consensus statement on methodology and indications endorsed by the Japanese Society of Echocardiography. <i>Journal of the American Society of Echocardiography</i> , <b>2011</b> , 24, 277-313	5.8	808
749	Expert consensus for multimodality imaging evaluation of adult patients during and after cancer therapy: a report from the American Society of Echocardiography and the European Association of Cardiovascular Imaging. <i>Journal of the American Society of Echocardiography</i> , <b>2014</b> , 27, 911-39	5.8	722
748	Diabetic cardiomyopathy: evidence, mechanisms, and therapeutic implications. <i>Endocrine Reviews</i> , <b>2004</b> , 25, 543-67	27.2	711
747	Current and evolving echocardiographic techniques for the quantitative evaluation of cardiac mechanics: ASE/EAE consensus statement on methodology and indications endorsed by the Japanese Society of Echocardiography. <i>European Journal of Echocardiography</i> , <b>2011</b> , 12, 167-205		667
746	Use of myocardial strain imaging by echocardiography for the early detection of cardiotoxicity in patients during and after cancer chemotherapy: a systematic review. <i>Journal of the American College of Cardiology</i> , <b>2014</b> , 63, 2751-68	15.1	646
745	Prediction of all-cause mortality from global longitudinal speckle strain: comparison with ejection fraction and wall motion scoring. <i>Circulation: Cardiovascular Imaging</i> , <b>2009</b> , 2, 356-64	3.9	584
744	Prognostic implications of global LV dysfunction: a systematic review and meta-analysis of global longitudinal strain and ejection fraction. <i>Heart</i> , <b>2014</b> , 100, 1673-80	5.1	539
743	Normal ranges of left ventricular strain: a meta-analysis. <i>Journal of the American Society of Echocardiography</i> , <b>2013</b> , 26, 185-91	5.8	529
742	Expert consensus for multimodality imaging evaluation of adult patients during and after cancer therapy: a report from the American Society of Echocardiography and the European Association of Cardiovascular Imaging. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2014</b> , 15, 1063-93	4.1	526
741	Alterations of left ventricular myocardial characteristics associated with obesity. <i>Circulation</i> , <b>2004</b> , 110, 3081-7	16.7	515
740	EAE/ASE recommendations for image acquisition and display using three-dimensional echocardiography. <i>Journal of the American Society of Echocardiography</i> , <b>2012</b> , 25, 3-46	5.8	491
739	Relative apical sparing of longitudinal strain using two-dimensional speckle-tracking echocardiography is both sensitive and specific for the diagnosis of cardiac amyloidosis. <i>Heart</i> , <b>2012</b> , 98, 1442-8	5.1	486
738	Reproducibility and accuracy of echocardiographic measurements of left ventricular parameters using real-time three-dimensional echocardiography. <i>Journal of the American College of Cardiology</i> , <b>2004</b> , 44, 878-86	15.1	475
737	Measurement of strain and strain rate by echocardiography: ready for prime time?. <i>Journal of the American College of Cardiology</i> , <b>2006</b> , 47, 1313-27	15.1	457
736	Standardization of left atrial, right ventricular, and right atrial deformation imaging using two-dimensional speckle tracking echocardiography: a consensus document of the EACVI/ASE/Industry Task Force to standardize deformation imaging. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2018</b> , 19, 591-600	4.1	433
735	Tissue Doppler imaging a new prognosticator for cardiovascular diseases. <i>Journal of the American College of Cardiology</i> , <b>2007</b> , 49, 1903-14	15.1	432

734	Reproducibility of echocardiographic techniques for sequential assessment of left ventricular ejection fraction and volumes: application to patients undergoing cancer chemotherapy. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 61, 77-84	15.1	424
733	Impact of coronary revascularization and transmural extent of scar on regional left ventricular remodelling. <i>European Heart Journal</i> , <b>2008</b> , 29, 1608-17	9.5	415
732	Analysis of interinstitutional observer agreement in interpretation of dobutamine stress echocardiograms. <i>Journal of the American College of Cardiology</i> , <b>1996</b> , 27, 330-6	15.1	403
731	Impaired chronotropic response to exercise stress testing as a predictor of mortality. <i>JAMA - Journal of the American Medical Association</i> , <b>1999</b> , 281, 524-9	27.4	397
730	Role of noninvasive testing in the clinical evaluation of women with suspected coronary artery disease: Consensus statement from the Cardiac Imaging Committee, Council on Clinical Cardiology, and the Cardiovascular Imaging and Intervention Committee, Council on Cardiovascular Radiology and Intervention, American Heart Association. <i>Circulation</i> , <b>2005</b> , 111, 682-96	16.7	366
729	Myocardial strain measurement with 2-dimensional speckle-tracking echocardiography: definition of normal range. <i>JACC: Cardiovascular Imaging</i> , <b>2009</b> , 2, 80-4	8.4	358
728	Global 2-dimensional strain as a new prognosticator in patients with heart failure. <i>Journal of the American College of Cardiology</i> , <b>2009</b> , 54, 618-24	15.1	354
727	Left ventricular dyssynchrony predicts benefit of cardiac resynchronization therapy in patients with end-stage heart failure before pacemaker implantation. <i>American Journal of Cardiology</i> , <b>2003</b> , 92, 1238-40	15.1	347
726	EAE/ASE recommendations for image acquisition and display using three-dimensional echocardiography. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2012</b> , 13, 1-46	4.1	336
725	Accuracy and limitations of exercise echocardiography in a routine clinical setting. <i>Journal of the American College of Cardiology</i> , <b>1992</b> , 19, 74-81	15.1	334
724	Prognosis of patients with left ventricular dysfunction, with and without viable myocardium after myocardial infarction. Relative efficacy of medical therapy and revascularization. <i>Circulation</i> , <b>1994</b> , 90, 2687-94	16.7	324
723	Diastolic stress echocardiography: hemodynamic validation and clinical significance of estimation of ventricular filling pressure with exercise. <i>Journal of the American College of Cardiology</i> , <b>2006</b> , 47, 1891-900	15.1	310
722	Optimal use of dobutamine stress for the detection and evaluation of coronary artery disease: combination with echocardiography or scintigraphy, or both?. <i>Journal of the American College of Cardiology</i> , <b>1993</b> , 22, 159-67	15.1	301
721	Exercise training for patients with heart failure: a systematic review of factors that improve mortality and morbidity. <i>American Journal of Medicine</i> , <b>2004</b> , 116, 693-706	2.4	300
720	The prognostic value of a nomogram for exercise capacity in women. <i>New England Journal of Medicine</i> , <b>2005</b> , 353, 468-75	59.2	300
719	Independent and incremental value of deformation indices for prediction of trastuzumab-induced cardiotoxicity. <i>Journal of the American Society of Echocardiography</i> , <b>2013</b> , 26, 493-8	5.8	294
718	Selection of the optimal nonexercise stress for the evaluation of ischemic regional myocardial dysfunction and malperfusion. Comparison of dobutamine and adenosine using echocardiography and 99mTc-MIBI single photon emission computed tomography. <i>Circulation</i> , <b>1993</b> , 87, 345-54	16.7	294
717	Echocardiographic detection of early diabetic myocardial disease. <i>Journal of the American College of Cardiology</i> , <b>2003</b> , 41, 611-7	15.1	283

716	The economic consequences of available diagnostic and prognostic strategies for the evaluation of stable angina patients: an observational assessment of the value of precatheterization ischemia. Economics of Noninvasive Diagnosis (END) Multicenter Study Group. <i>Journal of the American College of Cardiology</i> , <b>1999</b> , 33, 661-9	15.1	282
715	Exercise training for type 2 diabetes mellitus: impact on cardiovascular risk: a scientific statement from the American Heart Association. <i>Circulation</i> , <b>2009</b> , 119, 3244-62	16.7	263
714	Real-time 3-dimensional echocardiographic quantification of left ventricular volumes: multicenter study for validation with magnetic resonance imaging and investigation of sources of error. <i>JACC: Cardiovascular Imaging</i> , <b>2008</b> , 1, 413-23	8.4	257
713	Validation of a generalized transfer function to noninvasively derive central blood pressure during exercise. <i>Hypertension</i> , <b>2006</b> , 47, 1203-8	8.5	251
712	ACC/AHA guidelines for exercise testing: executive summary. A report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines (Committee on Exercise Testing). <i>Circulation</i> , <b>1997</b> , 96, 345-54	16.7	236
711	Effect of aldosterone antagonism on myocardial dysfunction in hypertensive patients with diastolic heart failure. <i>Circulation</i> , <b>2004</b> , 110, 558-65	16.7	231
710	Effect of statin therapy on the risk for incident heart failure in patients with breast cancer receiving anthracycline chemotherapy: an observational clinical cohort study. <i>Journal of the American College of Cardiology</i> , <b>2012</b> , 60, 2384-90	15.1	223
709	Independent and incremental role of quantitative right ventricular evaluation for the prediction of right ventricular failure after left ventricular assist device implantation. <i>Journal of the American College of Cardiology</i> , <b>2012</b> , 60, 521-8	15.1	222
708	Comparison of two-dimensional speckle and tissue velocity based strain and validation with harmonic phase magnetic resonance imaging. <i>American Journal of Cardiology</i> , <b>2006</b> , 97, 1661-6	3	217
707	Exercise echocardiography is an accurate and cost-efficient technique for detection of coronary artery disease in women. <i>Journal of the American College of Cardiology</i> , <b>1995</b> , 26, 335-41	15.1	215
706	A new method of scoring coronary angiograms to reflect extent of coronary atherosclerosis and improve correlation with major risk factors. <i>American Heart Journal</i> , <b>1990</b> , 119, 1262-7	4.9	214
705	Role of cardioprotective therapy for prevention of cardiotoxicity with chemotherapy: a systematic review and meta-analysis. <i>European Journal of Cancer</i> , <b>2013</b> , 49, 2900-9	7.5	213
704	Differentiation of subendocardial and transmural infarction using two-dimensional strain rate imaging to assess short-axis and long-axis myocardial function. <i>Journal of the American College of Cardiology</i> , <b>2006</b> , 48, 2026-33	15.1	213
703	Myocardial viability during dobutamine echocardiography predicts survival in patients with coronary artery disease and severe left ventricular systolic dysfunction. <i>Journal of the American College of Cardiology</i> , <b>1998</b> , 32, 921-6	15.1	211
702	Normal Ranges of Left Atrial Strain by Speckle-Tracking Echocardiography: A Systematic Review and Meta-Analysis. <i>Journal of the American Society of Echocardiography</i> , <b>2017</b> , 30, 59-70.e8	5.8	207
701	Assessment of Left Ventricular Function by Echocardiography: The Case for Routinely Adding Global Longitudinal Strain to Ejection Fraction. <i>JACC: Cardiovascular Imaging</i> , <b>2018</b> , 11, 260-274	8.4	205
700	Recommendations on the Use of Echocardiography in Adult Hypertension: A Report from the European Association of Cardiovascular Imaging (EACVI) and the American Society of Echocardiography (ASE). <i>Journal of the American Society of Echocardiography</i> , <b>2015</b> , 28, 727-54	5.8	198
699	Artificial Intelligence in Cardiovascular Imaging: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 73, 1317-1335	15.1	186

698	Evidence for abnormal left ventricular structure and function in normotensive individuals with familial hyperaldosteronism type I. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2005</b> , 90, 5070-6	5.6	183
697	Evolution of dobutamine echocardiography protocols and indications: safety and side effects in 3,011 studies over 5 years. <i>Journal of the American College of Cardiology</i> , <b>1997</b> , 29, 1234-40	15.1	179
696	Relationship between longitudinal and radial contractility in subclinical diabetic heart disease. <i>Clinical Science</i> , <b>2004</b> , 106, 53-60	6.5	179
695	Usefulness of myocardial tissue Doppler echocardiography to evaluate left ventricular dyssynchrony before and after biventricular pacing in patients with idiopathic dilated cardiomyopathy. <i>American Journal of Cardiology</i> , <b>2003</b> , 91, 94-7	3	178
694	Left ventricular volume measurement with echocardiography: a comparison of left ventricular opacification, three-dimensional echocardiography, or both with magnetic resonance imaging. <i>European Heart Journal</i> , <b>2009</b> , 30, 98-106	9.5	175
693	Chronic Kidney Disease and Coronary Artery Disease: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 74, 1823-1838	15.1	170
692	Sex Differences in Cardiovascular Pathophysiology: Why Women Are Overrepresented in Heart Failure With Preserved Ejection Fraction. <i>Circulation</i> , <b>2018</b> , 138, 198-205	16.7	169
691	Comprehensive Echocardiographic Detection of Treatment-Related Cardiac Dysfunction in Adult Survivors of Childhood Cancer: Results From the St. Jude Lifetime Cohort Study. <i>Journal of the American College of Cardiology</i> , <b>2015</b> , 65, 2511-22	15.1	166
690	Assessment of nonischemic myocardial fibrosis. <i>Journal of the American College of Cardiology</i> , <b>2010</b> , 56, 89-97	15.1	166
689	Use of myocardial deformation imaging to detect preclinical myocardial dysfunction before conventional measures in patients undergoing breast cancer treatment with trastuzumab. <i>American Heart Journal</i> , <b>2009</b> , 158, 294-301	4.9	166
688	The relative importance of vascular structure and function in predicting cardiovascular events. <i>Journal of the American College of Cardiology</i> , <b>2004</b> , 43, 616-23	15.1	163
687	Left Atrial Structure and Function, and Left Ventricular Diastolic Dysfunction: JACC State-of-the-Art Review. <i>Journal of the American College of Cardiology</i> , <b>2019</b> , 73, 1961-1977	15.1	162
686	Obesity cardiomyopathy: pathogenesis and pathophysiology. <i>Nature Clinical Practice Cardiovascular Medicine</i> , <b>2007</b> , 4, 436-43		161
685	Prediction of mortality by exercise echocardiography: a strategy for combination with the duke treadmill score. <i>Circulation</i> , <b>2001</b> , 103, 2566-71	16.7	159
684	Real-time 3D echocardiographic quantification of left atrial volume: multicenter study for validation with CMR. <i>JACC: Cardiovascular Imaging</i> , <b>2012</b> , 5, 769-77	8.4	158
683	Use of speckle strain to assess left ventricular responses to cardiotoxic chemotherapy and cardioprotection. <i>European Heart Journal Cardiovascular Imaging</i> , <b>2014</b> , 15, 324-31	4.1	155
682	Comparison of two-dimensional speckle and tissue Doppler strain measurement during dobutamine stress echocardiography: an angiographic correlation. <i>European Heart Journal</i> , <b>2007</b> , 28, 1765-72	9.5	154
681	Left ventricular function after valve repair for chronic mitral regurgitation: predictive value of preoperative assessment of contractile reserve by exercise echocardiography. <i>Journal of the American College of Cardiology</i> , <b>1996</b> , 28, 1198-205	15.1	154

680	Metabolic responses of hibernating and infarcted myocardium to revascularization. A follow-up study of regional perfusion, function, and metabolism. <i>Circulation</i> , <b>1992</b> , 85, 1347-53	16.7	153
679	Clinical utility of multimodality LA imaging: assessment of size, function, and structure. <i>JACC: Cardiovascular Imaging</i> , <b>2011</b> , 4, 788-98	8.4	152
678	Importance of estimated functional capacity as a predictor of all-cause mortality among patients referred for exercise thallium single-photon emission computed tomography: report of 3,400 patients from a single center. <i>Journal of the American College of Cardiology</i> , <b>1997</b> , 30, 641-8	15.1	151
677	Association of subclinical right ventricular dysfunction with obesity. <i>Journal of the American College of Cardiology</i> , <b>2006</b> , 47, 611-6	15.1	150
676	Comparison of two- and three-dimensional echocardiography with sequential magnetic resonance imaging for evaluating left ventricular volume and ejection fraction over time in patients with healed myocardial infarction. <i>American Journal of Cardiology</i> , <b>2007</b> , 99, 300-6	3	149
675	Feasibility and accuracy of different techniques of two-dimensional speckle based strain and validation with harmonic phase magnetic resonance imaging. <i>Journal of the American Society of Echocardiography</i> , <b>2008</b> , 21, 1318-25	5.8	147
674	Effect of If-channel inhibition on hemodynamic status and exercise tolerance in heart failure with preserved ejection fraction: a randomized trial. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, 1330-8	15.1	146
673	Recommendations on the use of echocardiography in adult hypertension: a report from the European Association of Cardiovascular Imaging (EACVI) and the American Society of Echocardiography (ASE) □ <i>European Heart Journal Cardiovascular Imaging</i> , <b>2015</b> , 16, 577-605	4.1	146
672	Exercise-induced hypertension, cardiovascular events, and mortality in patients undergoing exercise stress testing: a systematic review and meta-analysis. <i>American Journal of Hypertension</i> , <b>2013</b> , 26, 357-66	2.3	146
671	Prediction of mortality using dobutamine echocardiography. <i>Journal of the American College of Cardiology</i> , <b>2001</b> , 37, 754-60	15.1	146
670	Prognostic value of dobutamine echocardiography in patients with left ventricular dysfunction. <i>Journal of the American College of Cardiology</i> , <b>1996</b> , 27, 132-9	15.1	145
669	Determinants of exercise capacity in patients with type 2 diabetes. <i>Diabetes Care</i> , <b>2005</b> , 28, 1643-8	14.6	144
668	Use of real-time three-dimensional echocardiography to measure left atrial volume: comparison with other echocardiographic techniques. <i>Journal of the American Society of Echocardiography</i> , <b>2005</b> , 18, 991-7	5.8	140
667	Implications of Underlying Mechanisms for the Recognition and Management of Diabetic Cardiomyopathy. <i>Journal of the American College of Cardiology</i> , <b>2018</b> , 71, 339-351	15.1	138
666	Ineffectiveness of dipyridamole SPECT thallium imaging as a screening technique for coronary artery disease in patients with end-stage renal failure. <i>Transplantation</i> , <b>1990</b> , 49, 100-3	1.8	137
665	Incremental value of strain rate analysis as an adjunct to wall-motion scoring for assessment of myocardial viability by dobutamine echocardiography: a follow-up study after revascularization. <i>Circulation</i> , <b>2005</b> , 112, 3892-900	16.7	133
664	Functional status and quality of life in patients with heart failure undergoing coronary bypass surgery after assessment of myocardial viability. <i>Journal of the American College of Cardiology</i> , <b>1999</b> , 33, 750-8	15.1	132
663	Reproducibility of right ventricular volumes and ejection fraction using real-time three-dimensional echocardiography: comparison with cardiac MRI. <i>Chest</i> , <b>2007</b> , 131, 1844-51	5.3	128

662	Assessment of diastolic function: what the general cardiologist needs to know. <i>Heart</i> , <b>2005</b> , 91, 681-95	5.1	128
661	Comparative definitions for moderate-severe ischemia in stress nuclear, echocardiography, and magnetic resonance imaging. <i>JACC: Cardiovascular Imaging</i> , <b>2014</b> , 7, 593-604	8.4	127
660	The MOGE(S) classification for a phenotype-genotype nomenclature of cardiomyopathy: endorsed by the World Heart Federation. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 62, 2046-72	15.1	127
659	Cardioprotective effect of $\beta$ -adrenoceptor blockade in patients with breast cancer undergoing chemotherapy: follow-up study of heart failure. <i>Circulation: Heart Failure</i> , <b>2013</b> , 6, 420-6	7.6	125
658	Association of myocardial deformation with outcome in asymptomatic aortic stenosis with normal ejection fraction. <i>Circulation: Cardiovascular Imaging</i> , <b>2012</b> , 5, 719-25	3.9	125
657	Dobutamine stress echocardiography for the detection of significant coronary artery disease in renal transplant candidates. <i>American Journal of Kidney Diseases</i> , <b>1999</b> , 33, 1080-90	7.4	123
656	Use of exercise echocardiography for prognostic evaluation of patients with known or suspected coronary artery disease. <i>Journal of the American College of Cardiology</i> , <b>1997</b> , 30, 83-90	15.1	120
655	Identification of therapeutic benefit from revascularization in patients with left ventricular systolic dysfunction: inducible ischemia versus hibernating myocardium. <i>Circulation: Cardiovascular Imaging</i> , <b>2013</b> , 6, 363-72	3.9	117
654	Determinants of subclinical diabetic heart disease. <i>Diabetologia</i> , <b>2005</b> , 48, 394-402	10.3	117
653	Atherosclerotic disease is increased in recent-onset rheumatoid arthritis: a critical role for inflammation. <i>Arthritis Research and Therapy</i> , <b>2007</b> , 9, R116	5.7	116
652	Cardiac MRI in the assessment of cardiac injury and toxicity from cancer chemotherapy: a systematic review. <i>Circulation: Cardiovascular Imaging</i> , <b>2013</b> , 6, 1080-91	3.9	115
651	Exercise training in systolic and diastolic dysfunction: effects on cardiac function, functional capacity, and quality of life. <i>American Heart Journal</i> , <b>2007</b> , 153, 530-6	4.9	115
650	Noninvasive assessment of pulmonary vascular resistance by Doppler echocardiography. <i>Journal of the American Society of Echocardiography</i> , <b>2013</b> , 26, 1170-1177	5.8	112
649	Effects of treatment on exercise tolerance, cardiac function, and mortality in heart failure with preserved ejection fraction. A meta-analysis. <i>Journal of the American College of Cardiology</i> , <b>2011</b> , 57, 1676-86	15.1	112
648	Evaluation of mitral leaflet motion by echocardiography and jet direction by Doppler color flow mapping to determine the mechanisms of mitral regurgitation. <i>Journal of the American College of Cardiology</i> , <b>1992</b> , 20, 1353-61	15.1	112
647	Use of myocardial strain to assess global left ventricular function: a comparison with cardiac magnetic resonance and 3-dimensional echocardiography. <i>American Heart Journal</i> , <b>2009</b> , 157, 102.e1-5	4.9	111
646	Standardized guidelines for the interpretation of dobutamine echocardiography reduce interinstitutional variance in interpretation. <i>American Journal of Cardiology</i> , <b>1998</b> , 82, 1520-4	3	111
645	Prediction of hospital outcome in septic shock: a prospective comparison of tissue Doppler and cardiac biomarkers. <i>Critical Care</i> , <b>2010</b> , 14, R44	10.8	110

644	Application of tissue Doppler to interpretation of dobutamine echocardiography and comparison with quantitative coronary angiography. <i>American Journal of Cardiology</i> , <b>2001</b> , 87, 525-31	3	110
643	Incremental value of rubidium-82 positron emission tomography for prognostic assessment of known or suspected coronary artery disease. <i>American Journal of Cardiology</i> , <b>1997</b> , 80, 865-70	3	109
642	Prediction of death and myocardial infarction by screening with exercise-thallium testing after coronary-artery-bypass grafting. <i>Lancet, The</i> , <b>1998</b> , 351, 615-22	40	109
641	Accuracy and feasibility of contrast echocardiography for detection of perfusion defects in routine practice: comparison with wall motion and technetium-99m sestamibi single-photon emission computed tomography. The Nycomed NC100100 Investigators. <i>Journal of the American College of Cardiology</i> , <b>1998</b> , 32, 1260-9	15.1	108
640	Effect of right ventricular pacing lead site on left ventricular function in patients with high-grade atrioventricular block: results of the Protect-Pace study. <i>European Heart Journal</i> , <b>2015</b> , 36, 856-62	9.5	107
639	Use and Limitations of E/e <sub>Co</sub> to Assess Left Ventricular Filling Pressure by Echocardiography. <i>Journal of Cardiovascular Imaging</i> , <b>2011</b> , 19, 169-73	0	104
638	Screening for heart disease in diabetic subjects. <i>American Heart Journal</i> , <b>2005</b> , 149, 349-54	4.9	103
637	Coronary artery disease and outcomes of aortic valve replacement for severe aortic stenosis. <i>Journal of the American College of Cardiology</i> , <b>2013</b> , 61, 837-48	15.1	102
636	Randomized trial of guiding hypertension management using central aortic blood pressure compared with best-practice care: principal findings of the BP GUIDE study. <i>Hypertension</i> , <b>2013</b> , 62, 1138-45	8.5	102
635	Impact of home versus clinic-based management of chronic heart failure: the WHICH? (Which Heart Failure Intervention Is Most Cost-Effective & Consumer Friendly in Reducing Hospital Care) multicenter, randomized trial. <i>Journal of the American College of Cardiology</i> , <b>2012</b> , 60, 1239-48	15.1	101
634	Long-term survival of patients with radiation heart disease undergoing cardiac surgery: a cohort study. <i>Circulation</i> , <b>2013</b> , 127, 1476-85	16.7	101
633	Ventricular hypertrophy and left atrial dilatation persist and are associated with reduced survival after valve replacement for aortic stenosis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , <b>2014</b> , 147, 362-369.e8	1.5	100
632	Stress echocardiography. <i>British Heart Journal</i> , <b>2003</b> , 89, 113-8		98
631	Refinements in stress echocardiographic techniques improve inter-institutional agreement in interpretation of dobutamine stress echocardiograms. <i>European Heart Journal</i> , <b>2002</b> , 23, 821-9	9.5	97
630	The noninvasive prediction of cardiac mortality in men and women with known or suspected coronary artery disease. Economics of Noninvasive Diagnosis (END) Study Group. <i>American Journal of Medicine</i> , <b>1999</b> , 106, 172-8	2.4	97
629	Impact of aortic valve replacement on outcome of symptomatic patients with severe aortic stenosis with low gradient and preserved left ventricular ejection fraction. <i>Circulation</i> , <b>2013</b> , 128, 622-31	16.7	96
628	Usefulness of impaired chronotropic response to exercise as a predictor of mortality, independent of the severity of coronary artery disease. <i>American Journal of Cardiology</i> , <b>2000</b> , 86, 602-9	3	96
627	Association of imaging markers of myocardial fibrosis with metabolic and functional disturbances in early diabetic cardiomyopathy. <i>Circulation: Cardiovascular Imaging</i> , <b>2011</b> , 4, 693-702	3.9	95



626	Comparison of transcranial Doppler ultrasound and transesophageal contrast echocardiography in the detection of interatrial right-to-left shunts. <i>American Journal of Cardiology</i> , <b>1991</b> , 68, 1498-502	3	95
625	Impact of gender on risk stratification by exercise and dobutamine stress echocardiography: long-term mortality in 4234 women and 6898 men. <i>European Heart Journal</i> , <b>2005</b> , 26, 447-56	9.5	94
624	Usefulness of B-type natriuretic peptide in hypertensive patients with exertional dyspnea and normal left ventricular ejection fraction and correlation with new echocardiographic indexes of systolic and diastolic function. <i>American Journal of Cardiology</i> , <b>2003</b> , 92, 1434-8	3	94
623	Prediction by postexercise fluoro-18 deoxyglucose positron emission tomography of improvement in exercise capacity after revascularization. <i>American Journal of Cardiology</i> , <b>1992</b> , 69, 854-9	3	94
622	Subclinical LV dysfunction and 10-year outcomes in type 2 diabetes mellitus. <i>Heart</i> , <b>2015</b> , 101, 1061-6	5.1	93
621	Distribution and Prognostic Significance of Left Ventricular Global Longitudinal Strain in Asymptomatic Significant Aortic Stenosis: An Individual Participant Data Meta-Analysis. <i>JACC: Cardiovascular Imaging</i> , <b>2019</b> , 12, 84-92	8.4	92
620	Improvement in Strain Concordance between Two Major Vendors after the Strain Standardization Initiative. <i>Journal of the American Society of Echocardiography</i> , <b>2015</b> , 28, 642-8.e7	5.8	91
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