

Patricia A Pellikka

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488 papers	42,704 citations	87 h-index	199 g-index
575 ext. papers	48,802 ext. citations	6 avg, IF	7.02 L-index

#	Paper	IF	Citations
488	Recommendations for chamber quantification: a report from the American Society of Echocardiography® Guidelines and Standards Committee and the Chamber Quantification Writing Group, developed in conjunction with the European Association of Echocardiography, a branch of the European Society of Cardiology. <i>Journal of the American Society of Echocardiography</i> , 2005 , 18, 1440-63	5.8	8967
487	Recommendations for chamber quantification. <i>European Journal of Echocardiography</i> , 2006 , 7, 79-108		2545
486	Recommendations for the evaluation of left ventricular diastolic function by echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2009 , 22, 107-33	5.8	2344
485	Recommendations for the evaluation of left ventricular diastolic function by echocardiography. <i>European Journal of Echocardiography</i> , 2009 , 10, 165-93		1452
484	Echocardiographic assessment of valve stenosis: EAE/ASE recommendations for clinical practice. <i>Journal of the American Society of Echocardiography</i> , 2009 , 22, 1-23; quiz 101-2	5.8	1264
483	Echocardiographic assessment of valve stenosis: EAE/ASE recommendations for clinical practice. <i>European Journal of Echocardiography</i> , 2009 , 10, 1-25		737
482	Myocardial viability and survival in ischemic left ventricular dysfunction. <i>New England Journal of Medicine</i> , 2011 , 364, 1617-25	59.2	574
481	American Society of Echocardiography recommendations for performance, interpretation, and application of stress echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2007 , 20, 1021-41	5.8	558
480	Outcome of 622 adults with asymptomatic, hemodynamically significant aortic stenosis during prolonged follow-up. <i>Circulation</i> , 2005 , 111, 3290-5	16.7	550
479	Left atrial volume: a powerful predictor of survival after acute myocardial infarction. <i>Circulation</i> , 2003 , 107, 2207-12	16.7	534
478	Prognostic importance of diastolic function and filling pressure in patients with acute myocardial infarction. <i>Circulation</i> , 2006 , 114, 438-44	16.7	518
477	EAE/ASE recommendations for image acquisition and display using three-dimensional echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2012 , 25, 3-46	5.8	491
476	Carcinoid heart disease. Clinical and echocardiographic spectrum in 74 patients. <i>Circulation</i> , 1993 , 87, 1188-96	16.7	469
475	Noninvasive estimation of left ventricular filling pressure by E/eO _s a powerful predictor of survival after acute myocardial infarction. <i>Journal of the American College of Cardiology</i> , 2004 , 43, 360-7	15.1	419
474	ACCF/ASNC/ACR/AHA/ASE/SCCT/SCMR/SNM 2009 Appropriate Use Criteria for Cardiac Radionuclide Imaging: A Report of the American College of Cardiology Foundation Appropriate Use Criteria Task Force, the American Society of Nuclear Cardiology, the American College of Radiology, the American Heart Association, the American Society of Echocardiography, the Society of	15.1	406
473	Natural history of asymptomatic patients with normally functioning or minimally dysfunctional bicuspid aortic valve in the community. <i>Circulation</i> , 2008 , 117, 2776-84	16.7	376
472	Focused cardiac ultrasound: recommendations from the American Society of Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2013 , 26, 567-81	5.8	368

471	EAE/ASE recommendations for image acquisition and display using three-dimensional echocardiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2012 , 13, 1-46	4.1	336
470	Screening for cardiac contractile dysfunction using an artificial intelligence-enabled electrocardiogram. <i>Nature Medicine</i> , 2019 , 25, 70-74	50.5	314
469	Pulmonary hypertension in patients with idiopathic pulmonary fibrosis. <i>Chest</i> , 2005 , 128, 2393-9	5.3	312
468	Stress echocardiography: recommendations for performance and interpretation of stress echocardiography. Stress Echocardiography Task Force of the Nomenclature and Standards Committee of the American Society of Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2008 , 19, 27-34	5.8	307
467	Feasibility of tomographic 99mTc-hexakis-2-methoxy-2-methylpropyl-isonitrile imaging for the assessment of myocardial area at risk and the effect of treatment in acute myocardial infarction. <i>Circulation</i> , 1989 , 80, 1277-86	16.7	283
466	The natural history of adults with asymptomatic, hemodynamically significant aortic stenosis. <i>Journal of the American College of Cardiology</i> , 1990 , 15, 1012-7	15.1	274
465	American Society of Echocardiography recommendations for quality echocardiography laboratory operations. <i>Journal of the American Society of Echocardiography</i> , 2011 , 24, 1-10	5.8	272
464	Left atrial function: physiology, assessment, and clinical implications. <i>European Journal of Echocardiography</i> , 2011 , 12, 421-30		269
463	Outcome prediction by quantitative right ventricular function assessment in 575 subjects evaluated for pulmonary hypertension. <i>Circulation: Cardiovascular Imaging</i> , 2013 , 6, 711-21	3.9	256
462	Right ventricular strain for prediction of survival in patients with pulmonary arterial hypertension. <i>Chest</i> , 2011 , 139, 1299-1309	5.3	254
461	Association of cholesterol levels, hydroxymethylglutaryl coenzyme-A reductase inhibitor treatment, and progression of aortic stenosis in the community. <i>Journal of the American College of Cardiology</i> , 2002 , 40, 1723-30	15.1	245
460	Mutations in ribonucleic acid binding protein gene cause familial dilated cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2009 , 54, 930-41	15.1	237
459	ACCF/ASNC/ACR/AHA/ASE/SCCT/SCMR/SNM 2009 appropriate use criteria for cardiac radionuclide imaging: a report of the American College of Cardiology Foundation Appropriate Use Criteria Task Force, the American Society of Nuclear Cardiology, the American College of Radiology, the American Heart Association, the American Society of Echocardiography, the Society of	16.7	229
458	Factors associated with progression of carcinoid heart disease. <i>New England Journal of Medicine</i> , 2003 , 348, 1005-15	59.2	221
457	Diastolic stress echocardiography: a novel noninvasive diagnostic test for diastolic dysfunction using supine bicycle exercise Doppler echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2005 , 18, 63-8	5.8	212
456	Ultrasound of extravascular lung water: a new standard for pulmonary congestion. <i>European Heart Journal</i> , 2016 , 37, 2097-104	9.5	211
455	Flow-gradient patterns in severe aortic stenosis with preserved ejection fraction: clinical characteristics and predictors of survival. <i>Circulation</i> , 2013 , 128, 1781-9	16.7	209
454	Prognostic Value of Noninvasive Cardiovascular Testing in Patients With Stable Chest Pain: Insights From the PROMISE Trial (Prospective Multicenter Imaging Study for Evaluation of Chest Pain). <i>Circulation</i> , 2017 , 135, 2320-2332	16.7	196

453	Prognosis of carcinoid heart disease: analysis of 200 cases over two decades. <i>Circulation</i> , 2005 , 112, 3320-7	16.7	189
452	Serial quantitative planar technetium-99m isonitrile imaging in acute myocardial infarction: efficacy for noninvasive assessment of thrombolytic therapy. <i>Journal of the American College of Cardiology</i> , 1989 , 14, 861-73	15.1	179
451	Role of dobutamine stress echocardiography in predicting outcome in 860 patients with known or suspected coronary artery disease. <i>Circulation</i> , 1998 , 97, 1474-80	16.7	173
450	Role of noninvasive testing in the clinical evaluation of women with suspected ischemic heart disease: a consensus statement from the American Heart Association. <i>Circulation</i> , 2014 , 130, 350-79	16.7	170
449	Dynamic intraventricular obstruction during dobutamine stress echocardiography. A new observation. <i>Circulation</i> , 1992 , 86, 1429-32	16.7	170
448	The clinical use of stress echocardiography in non-ischaemic heart disease: recommendations from the European Association of Cardiovascular Imaging and the American Society of Echocardiography. <i>European Heart Journal Cardiovascular Imaging</i> , 2016 , 17, 1191-1229	4.1	169
447	Sex differences in arterial stiffness and ventricular-arterial interactions. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 96-103	15.1	169
446	Real-time three-dimensional transesophageal echocardiography in the intraoperative assessment of mitral valve disease. <i>Journal of the American Society of Echocardiography</i> , 2009 , 22, 34-41	5.8	169
445	Stress echocardiography. Part II. Dobutamine stress echocardiography: techniques, implementation, clinical applications, and correlations. <i>Mayo Clinic Proceedings</i> , 1995 , 70, 16-27	6.4	168
444	Outcome after normal exercise echocardiography and predictors of subsequent cardiac events: follow-up of 1,325 patients. <i>Journal of the American College of Cardiology</i> , 1998 , 31, 144-9	15.1	163
443	Bioprosthetic Valve Thrombosis Versus Structural Failure: Clinical and Echocardiographic Predictors. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 2285-2294	15.1	161
442	Left ventricular function and exercise capacity. <i>JAMA - Journal of the American Medical Association</i> , 2009 , 301, 286-94	27.4	161
441	Wall motion score index and ejection fraction for risk stratification after acute myocardial infarction. <i>American Heart Journal</i> , 2006 , 151, 419-25	4.9	160
440	Outcome of cardiac surgery for carcinoid heart disease. <i>Journal of the American College of Cardiology</i> , 1995 , 25, 410-6	15.1	158
439	Severe pulmonary hypertension in patients with severe aortic valve stenosis: clinical profile and prognostic implications. <i>Journal of the American College of Cardiology</i> , 2002 , 40, 789-95	15.1	156
438	Prognostic value of treadmill exercise testing in elderly persons. <i>Annals of Internal Medicine</i> , 2000 , 132, 862-70	8	151
437	Subepicardial adipose tissue and the presence and severity of coronary artery disease. <i>Atherosclerosis</i> , 2006 , 186, 354-9	3.1	141
436	Prognostic value of exercise echocardiography in 5,798 patients: is there a gender difference?. <i>Journal of the American College of Cardiology</i> , 2002 , 39, 625-31	15.1	140

435	Contrast echocardiography improves the accuracy and reproducibility of left ventricular remodeling measurements: a prospective, randomly assigned, blinded study. <i>Journal of the American College of Cardiology</i> , 2001 , 38, 867-75	15.1	136
434	Cardiovascular effects of sildenafil during exercise in men with known or probable coronary artery disease: a randomized crossover trial. <i>JAMA - Journal of the American Medical Association</i> , 2002 , 287, 719-25	27.4	132
433	Guidelines for Performance, Interpretation, and Application of Stress Echocardiography in Ischemic Heart Disease: From the American Society of Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2020 , 33, 1-41.e8	5.8	131
432	Prognostic value of treadmill exercise testing: a population-based study in Olmsted County, Minnesota. <i>Circulation</i> , 1998 , 98, 2836-41	16.7	128
431	Comparative definitions for moderate-severe ischemia in stress nuclear, echocardiography, and magnetic resonance imaging. <i>JACC: Cardiovascular Imaging</i> , 2014 , 7, 593-604	8.4	127
430	Application of appropriateness criteria to stress single-photon emission computed tomography sestamibi studies and stress echocardiograms in an academic medical center. <i>Journal of the American College of Cardiology</i> , 2008 , 51, 1283-9	15.1	127
429	Sex and test verification bias. Impact on the diagnostic value of exercise echocardiography. <i>Circulation</i> , 1997 , 95, 405-10	16.7	126
428	Three-dimensional echocardiographic assessment of right ventricular volume and function in adult patients with congenital heart disease: comparison with magnetic resonance imaging. <i>Journal of the American Society of Echocardiography</i> , 2010 , 23, 127-33	5.8	125
427	Inducible myocardial ischemia and outcomes in patients with coronary artery disease and left ventricular dysfunction. <i>Journal of the American College of Cardiology</i> , 2013 , 61, 1860-70	15.1	122
426	Insights from the STICH trial: change in left ventricular size after coronary artery bypass grafting with and without surgical ventricular reconstruction. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2013 , 146, 1139-1145.e6	1.5	121
425	The Clinical Use of Stress Echocardiography in Non-Ischaemic Heart Disease: Recommendations from the European Association of Cardiovascular Imaging and the American Society of Echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2017 , 30, 101-138	5.8	118
424	Decreased right and left ventricular myocardial performance in obstructive sleep apnea. <i>Chest</i> , 2007 , 132, 1863-70	5.3	116
423	Contrast dobutamine stress echocardiography: clinical practice assessment in 300 consecutive patients. <i>Journal of the American Society of Echocardiography</i> , 2001 , 14, 378-85	5.8	116
422	Diagnosing and Managing Carcinoid Heart Disease in Patients With Neuroendocrine Tumors: An Expert Statement. <i>Journal of the American College of Cardiology</i> , 2017 , 69, 1288-1304	15.1	113
421	Role of serial quantitative assessment of right ventricular function by strain in pulmonary arterial hypertension. <i>American Journal of Cardiology</i> , 2013 , 111, 143-8	3	113
420	Clinical recognition of pulmonary embolism: problem of unrecognized and asymptomatic cases. <i>Mayo Clinic Proceedings</i> , 1998 , 73, 873-9	6.4	111
419	The benefits of early valve replacement in asymptomatic patients with severe aortic stenosis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2008 , 135, 308-15	1.5	110
418	Prognostic significance of impairment of heart rate response to exercise: impact of left ventricular function and myocardial ischemia. <i>Journal of the American College of Cardiology</i> , 2003 , 42, 823-30	15.1	107

417	Mismatch of left ventricular function and infarct size demonstrated by technetium-99m isonitrite imaging after reperfusion therapy for acute myocardial infarction: identification of myocardial stunning and hyperkinesia. <i>Journal of the American College of Cardiology</i> , 1990 , 16, 1632-8	15.1	107
416	Prognostic and Bioepidemiologic Implications of Papillary Fibroelastomas. <i>Journal of the American College of Cardiology</i> , 2015 , 65, 2420-9	15.1	106
415	Global strain in severe aortic valve stenosis: relation to clinical outcome after aortic valve replacement. <i>Circulation: Cardiovascular Imaging</i> , 2012 , 5, 613-20	3.9	104
414	Assessment of cardiac risk before nonvascular surgery: dobutamine stress echocardiography in 530 patients. <i>Journal of the American College of Cardiology</i> , 2000 , 35, 1647-53	15.1	102
413	Prognostic stratification of diabetic patients by exercise echocardiography. <i>Journal of the American College of Cardiology</i> , 2001 , 37, 1551-7	15.1	100
412	Senile cardiac amyloidosis with myocardial dysfunction. Diagnosis by endomyocardial biopsy and immunohistochemistry. <i>New England Journal of Medicine</i> , 1987 , 317, 738-42	59.2	98
411	Effects of treadmill exercise on mitral inflow and annular velocities in healthy adults. <i>American Journal of Cardiology</i> , 2003 , 91, 114-5	3	97
410	Metastatic carcinoid tumor to the heart: echocardiographic-pathologic study of 11 patients. <i>Journal of the American College of Cardiology</i> , 2002 , 40, 1328-32	15.1	95
409	Evidence of impaired left ventricular systolic function by Doppler myocardial imaging in patients with systemic amyloidosis and no evidence of cardiac involvement by standard two-dimensional and Doppler echocardiography. <i>American Journal of Cardiology</i> , 2008 , 101, 1039-45	3	93
408	Prognostic value of exercise echocardiography in 2,632 patients > or = 65 years of age. <i>Journal of the American College of Cardiology</i> , 2001 , 37, 1036-41	15.1	93
407	Detection of left ventricular systolic dysfunction in cardiac amyloidosis with strain rate echocardiography. <i>Journal of the American Society of Echocardiography</i> , 2007 , 20, 1194-202	5.8	92
406	Time to onset of regional relaxation: feasibility, variability and utility of a novel index of regional myocardial function by strain rate imaging. <i>Journal of the American College of Cardiology</i> , 2002 , 39, 1531-7	15.1	92
405	Identification of multivessel coronary artery disease by exercise echocardiography. <i>Journal of the American College of Cardiology</i> , 1994 , 24, 109-14	15.1	90
404	Stress echocardiography. Part I. Exercise echocardiography: techniques, implementation, clinical applications, and correlations. <i>Mayo Clinic Proceedings</i> , 1995 , 70, 5-15	6.4	88
403	Ultrasound strain imaging of altered myocardial stiffness: stunned versus infarcted reperfused myocardium. <i>Circulation</i> , 2004 , 109, 2905-10	16.7	87
402	Structural and functional changes in left and right ventricles after major weight loss following bariatric surgery for morbid obesity. <i>American Journal of Cardiology</i> , 2010 , 105, 550-6	3	85
401	Sex Differences in Demographics, Risk Factors, Presentation, and Noninvasive Testing in Stable Outpatients With Suspected Coronary Artery Disease: Insights From the PROMISE Trial. <i>JACC: Cardiovascular Imaging</i> , 2016 , 9, 337-46	8.4	85
400	Age and Sex Estimation Using Artificial Intelligence From Standard 12-Lead ECGs. <i>Circulation: Arrhythmia and Electrophysiology</i> , 2019 , 12, e007284	6.4	84

399	Atropine augmentation in dobutamine stress echocardiography: role and incremental value in a clinical practice setting. <i>Journal of the American College of Cardiology</i> , 1996 , 28, 551-7	15.1	84
398	Endomyocardial Biopsy in 30 Patients With Primary Amyloidosis and Suspected Cardiac Involvement. <i>Archives of Internal Medicine</i> , 1988 , 148, 662		84
397	Impaired left ventricular mechanics in pulmonary arterial hypertension: identification of a cohort at high risk. <i>Circulation: Heart Failure</i> , 2013 , 6, 748-55	7.6	83
396	Stress Echocardiography. Part I. Exercise Echocardiography: Techniques, Implementation, Clinical Applications, and Correlations. <i>Mayo Clinic Proceedings</i> , 1995 , 70, 5-15	6.4	82
395	Independent predictors of survival in primary systemic (AL) amyloidosis, including cardiac biomarkers and left ventricular strain imaging: an observational cohort study. <i>Journal of the American Society of Echocardiography</i> , 2010 , 23, 643-52	5.8	81
394	Determination of interobserver variability for identifying inducible left ventricular wall motion abnormalities during dobutamine stress magnetic resonance imaging. <i>European Heart Journal</i> , 2006 , 27, 1459-64	9.5	80
393	Surgical management of left-sided carcinoid heart disease. <i>Circulation</i> , 2001 , 104, 136-40	16.7	79
392	Diagnosis and management of atherosclerotic cardiovascular disease in chronic kidney disease: a review. <i>Kidney International</i> , 2017 , 91, 797-807	9.9	77
391	American Society of Echocardiography: Remote Echocardiography with Web-Based Assessments for Referrals at a Distance (ASE-REWARD) Study. <i>Journal of the American Society of Echocardiography</i> , 2013 , 26, 221-33	5.8	77
390	Inconsistent echocardiographic grading of aortic stenosis: is the left ventricular outflow tract important?. <i>Heart</i> , 2013 , 99, 921-31	5.1	77
389	Usefulness of two-dimensional speckle strain for evaluation of left ventricular diastolic deformation in patients with coronary artery disease. <i>American Journal of Cardiology</i> , 2006 , 98, 1581-6	3	77
388	Reduced Left Ventricular Ejection Fraction in Patients With Aortic Stenosis. <i>Journal of the American College of Cardiology</i> , 2018 , 71, 1313-1321	15.1	75
387	Speckle tracking echocardiography in acute myocarditis. <i>International Journal of Cardiovascular Imaging</i> , 2013 , 29, 275-84	2.5	74
386	Speckle myocardial imaging modalities for early detection of myocardial impairment in isolated left ventricular non-compaction. <i>Heart</i> , 2010 , 96, 440-7	5.1	74
385	Echocardiographic and clinical characteristics of pulmonary hypertension complicating pulmonary Langerhans cell histiocytosis. <i>Mayo Clinic Proceedings</i> , 2004 , 79, 1269-75	6.4	74
384	Left and right ventricular strain and strain rate measurement in normal adults using velocity vector imaging: an assessment of reference values and intersystem agreement. <i>International Journal of Cardiovascular Imaging</i> , 2013 , 29, 571-80	2.5	73
383	Left atrial myopathy in cardiac amyloidosis: implications of novel echocardiographic techniques. <i>European Heart Journal</i> , 2005 , 26, 173-9	9.5	73
382	Misconceptions, diagnostic challenges and treatment opportunities in bioprosthetic valve thrombosis: lessons from a case series. <i>European Journal of Cardio-thoracic Surgery</i> , 2015 , 47, 725-32	3	72

381	Quadracuspid Aortic Valve: Characteristics, Associated Structural Cardiovascular Abnormalities, and Clinical Outcomes. <i>Circulation</i> , 2016 , 133, 312-9	16.7	72
380	Comparison of right ventricular longitudinal strain imaging, tricuspid annular plane systolic excursion, and cardiac biomarkers for early diagnosis of cardiac involvement and risk stratification in primary systemic (AL) amyloidosis: a 5-year cohort study. <i>European Heart Journal Cardiovascular</i>	4.1	72
379	Variability in Ejection Fraction Measured By Echocardiography, Gated Single-Photon Emission Computed Tomography, and Cardiac Magnetic Resonance in Patients With Coronary Artery Disease and Left Ventricular Dysfunction. <i>JAMA Network Open</i> , 2018 , 1, e181456	10.4	71
378	Early and Late Outcomes of Surgical Treatment in Carcinoid Heart Disease. <i>Journal of the American College of Cardiology</i> , 2015 , 66, 2189-2196	15.1	69
377	Stress echo applications beyond coronary artery disease. <i>European Heart Journal</i> , 2014 , 35, 1033-40	9.5	69
376	Reference Values for Right Ventricular Strain in Patients without Cardiopulmonary Disease: A Prospective Evaluation and Meta-Analysis. <i>Echocardiography</i> , 2015 , 32, 787-96	1.5	68
375	Comparison of usefulness of echocardiographic Doppler variables to left ventricular end-diastolic pressure in predicting future heart failure events. <i>American Journal of Cardiology</i> , 2006 , 97, 866-71	3	68
374	Outcome after abnormal exercise echocardiography for patients with good exercise capacity: prognostic importance of the extent and severity of exercise-related left ventricular dysfunction. <i>Journal of the American College of Cardiology</i> , 2002 , 39, 1345-52	15.1	68
373	Perioperative risk of major non-cardiac surgery in patients with severe aortic stenosis: a reappraisal in contemporary practice. <i>European Heart Journal</i> , 2014 , 35, 2372-81	9.5	66
372	Hypertensive response to exercise: a potential cause for new wall motion abnormality in the absence of coronary artery disease. <i>Journal of the American College of Cardiology</i> , 2002 , 39, 323-7	15.1	66
371	Cardiac troponin T mutation in familial cardiomyopathy with variable remodeling and restrictive physiology. <i>Clinical Genetics</i> , 2008 , 74, 445-54	4	65
370	Primary angioplasty in myocardial infarction: assessment of improved myocardial perfusion with technetium-99m isonitrite. <i>Journal of the American College of Cardiology</i> , 1991 , 17, 365-72	15.1	63
369	Pulmonary Hypertension in Patients With Interstitial Lung Diseases. <i>Mayo Clinic Proceedings</i> , 2007 , 82, 342-350	6.4	62
368	Aortic valve stenosis in community medical practice: determinants of outcome and implications for aortic valve replacement. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2012 , 144, 1421-7	1.5	61
367	Gender differences in use of stress testing and coronary heart disease mortality: a population-based study in Olmsted County, Minnesota. <i>Journal of the American College of Cardiology</i> , 1998 , 32, 345-52	15.1	61
366	Noncompacted myocardium in Ebstein's anomaly: initial description in three patients. <i>Journal of the American Society of Echocardiography</i> , 2004 , 17, 677-80	5.8	61
365	Prognostic significance of the location of wall motion abnormalities during exercise echocardiography. <i>Journal of the American College of Cardiology</i> , 2002 , 40, 1623-9	15.1	61
364	Dobutamine stress Doppler hemodynamics in patients with aortic stenosis: feasibility, safety, and surgical correlations. <i>American Heart Journal</i> , 1998 , 136, 1010-6	4.9	61

363	Recurrent cardiac calcific amorphous tumor: the CAT had a kitten. <i>Cardiovascular Pathology</i> , 2007 , 16, 115-8	3.8	60
362	Microvascular function in Takotsubo cardiomyopathy with contrast echocardiography: prospective evaluation and review of literature. <i>Journal of the American Society of Echocardiography</i> , 2009 , 22, 1249-55	5.8	59
361	Cognitive impairment and outcomes in older adult survivors of acute myocardial infarction: findings from the translational research investigating underlying disparities in acute myocardial infarction patients health status registry. <i>American Heart Journal</i> , 2011 , 162, 860-869.e1	4.9	58
360	Pulmonary hypertension in patients with interstitial lung diseases. <i>Mayo Clinic Proceedings</i> , 2007 , 82, 342-50	6.4	58
359	Carcinoid heart disease. <i>Progress in Cardiovascular Diseases</i> , 2007 , 49, 439-51	8.5	58
358	Normal left ventricular mechanical function and synchrony values by speckle-tracking echocardiography in the transplanted heart with normal ejection fraction. <i>Journal of Heart and Lung Transplantation</i> , 2011 , 30, 652-8	5.8	57
357	Survival by stroke volume index in patients with low-gradient normal EF severe aortic stenosis. <i>Heart</i> , 2015 , 101, 23-9	5.1	56
356	Prognosis of Light Chain Amyloidosis With Preserved LVEF: Added Value of 2D Speckle-Tracking Echocardiography to the Current Prognostic Staging System. <i>JACC: Cardiovascular Imaging</i> , 2017 , 10, 398-407	8.4	56
355	Effect of left ventricular ejection fraction on postoperative outcome in patients with severe aortic stenosis undergoing aortic valve replacement. <i>Circulation: Cardiovascular Imaging</i> , 2015 , 8,	3.9	55
354	Effect of candesartan treatment on left ventricular remodeling after aortic valve replacement for aortic stenosis. <i>American Journal of Cardiology</i> , 2010 , 106, 713-9	3	55
353	Artificial Intelligence in Cardiology: Present and Future. <i>Mayo Clinic Proceedings</i> , 2020 , 95, 1015-1039	6.4	54
352	Prospective validation of a deep learning electrocardiogram algorithm for the detection of left ventricular systolic dysfunction. <i>Journal of Cardiovascular Electrophysiology</i> , 2019 , 30, 668-674	2.7	53
351	Safety of contrast agent use during stress echocardiography: a 4-year experience from a single-center cohort study of 26,774 patients. <i>JACC: Cardiovascular Imaging</i> , 2009 , 2, 1048-56	8.4	53
350	Doppler myocardial imaging for early detection of right ventricular dysfunction in patients with pulmonary hypertension. <i>Journal of the American Society of Echocardiography</i> , 2008 , 21, 1035-41	5.8	53
349	Exercise echocardiographic findings and outcome of patients referred for evaluation of dyspnea. <i>Journal of the American College of Cardiology</i> , 2004 , 43, 2242-6	15.1	53
348	Prognostic value of dobutamine stress echocardiography in patients with chronic kidney disease. <i>American Heart Journal</i> , 2007 , 153, 385-91	4.9	52
347	The impact of pulmonary hypertension on survival in patients with idiopathic pulmonary fibrosis. <i>Chest</i> , 2005 , 128, 616S-617S	5.3	52
346	Diagnosis of pulmonary embolism with use of computed tomographic angiography. <i>Mayo Clinic Proceedings</i> , 2001 , 76, 59-65	6.4	51

345	Core lab analysis of baseline echocardiographic studies in the STICH trial and recommendation for use of echocardiography in future clinical trials. <i>Journal of the American Society of Echocardiography</i> , 2012 , 25, 327-36	5.8	50
344	Comparison of ischemic response during exercise and dobutamine echocardiography in patients with left main coronary artery disease. <i>Journal of the American College of Cardiology</i> , 1996 , 27, 1171-7	15.1	50
343	Sex Differences in Functional and CT Angiography Testing in Patients With Suspected Coronary Artery Disease. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 2607-16	15.1	50
342	Outcomes in Chronic Hemodynamically Significant Aortic Regurgitation and Limitations of Current Guidelines. <i>Journal of the American College of Cardiology</i> , 2019 , 73, 1741-1752	15.1	49
341	Aortic valve sclerosis and clinical outcomes: moving toward a definition. <i>American Journal of Medicine</i> , 2011 , 124, 103-10	2.4	49
340	Carcinoid heart disease associated with primary ovarian carcinoid tumor. <i>American Journal of Cardiology</i> , 2004 , 93, 1314-5	3	49
339	Left ventricular diastolic function is associated with symptom status in severe aortic valve stenosis. <i>Circulation: Cardiovascular Imaging</i> , 2014 , 7, 142-8	3.9	47
338	Echocardiography Criteria for Structural Heart Disease in Patients With End-Stage Renal Disease Initiating Hemodialysis. <i>Journal of the American College of Cardiology</i> , 2016 , 67, 1173-1182	15.1	45
337	Outcomes after normal dobutamine stress echocardiography and predictors of adverse events: long-term follow-up of 3014 patients. <i>European Heart Journal</i> , 2006 , 27, 3039-44	9.5	45
336	Prognostic significance of echocardiographically defined mitral regurgitation early after acute myocardial infarction. <i>American Heart Journal</i> , 2005 , 150, 1268-75	4.9	45
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