

CITATION REPORT

List of articles citing

The ischemic cascade: temporal sequence of hemodynamic, electrocardiographic and symptomatic expressions of ischemia

DOI: 10.1016/0002-9149(87)90192-5
American Journal of Cardiology, 1987, 59, 23C-30C.

Source: <https://exaly.com/paper-pdf/19435108/citation-report.pdf>

Version: 2024-04-20

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
419	Silent myocardial ischemia. 1987 , 12, 509-66		7
418	. 1988 ,		4
417	Exercise treadmill testing is a poor predictor of anatomic restenosis after angioplasty for acute myocardial infarction. 1989 , 80, 1585-94		54
416	Effects of intracoronary injection of ergonovine on angiographic normal coronary arteries: study of 108 consecutive patients. 1989 , 12, 561-8		14
415	Calcium antagonists and myocardial protection. <i>American Journal of Cardiology</i> , 1989 , 64, 10F-17F	3	10
414	Perioperative myocardial ischaemia. 1989 , 36, S35-40		2
413	Ambulatory sudden cardiac death: mechanisms of production of fatal arrhythmia on the basis of data from 157 cases. 1989 , 117, 151-9		753
412	Silent myocardial ischemia. Mechanisms and rationale for therapy. 1989 , 86, 9-13		9
411	Angina pectoris. Clinical characteristics, neurophysiological and molecular mechanisms. 1989 , 36, 145-167		43
410	The diagnostic impact of prehospital 12-lead electrocardiography. 1990 , 19, 1280-7		86
409	Silent ischemia: a clinical update. 1990 , 97, 186-91		4
408	Characteristics of silent and painful ischaemia during ambulatory monitoring in patients with coronary arterial disease. <i>International Journal of Cardiology</i> , 1990 , 28, 377-9	3.2	12
407	Silent myocardial ischemia. 1990 , 65, 374-83		6
406	The examination of the heart: the importance of initial screening. 1990 , 36, 245-313		5
405	Aging and pain perception in ischemic heart disease. 1990 , 120, 22-30		37
404	The threshold for myocardial ischemia varies in patients with coronary artery disease depending on the exercise protocol. 1991 , 17, 1256-62		23
403	Comparison of chest pain, electrocardiographic changes and thallium-201 scintigraphy during varying exercise intensities in men with stable angina pectoris. <i>American Journal of Cardiology</i> , 1991 , 68, 569-74	3	24

402	Noninvasive and invasive testing after myocardial infarction. 1991 , 16, 721-63		1
401	Relations between heart rate, ischemia, and drug therapy during daily life in patients with coronary artery disease. 1991 , 83, 1263-70		57
400	Stress echocardiography. From pathophysiological toy to diagnostic tool. 1992 , 85, 1604-12		209
399	Clinical applicability of echocardiographically detected regional wall-motion abnormalities provoked by upright treadmill exercise. 1992 , 9, 97-106		4
398	Do Silent Myocardial Ischemia and Ventricular Arrhythmias Interact to Result in Sudden Death?. 1992 , 10, 449-459		2
397	New insights in measurement of myocardial ischemia. <i>American Journal of Cardiology</i> , 1992 , 70, 19G-24G; discussion 25G	3	9
396	Mechanisms of pain in angina pectoris--a critical review of the adenosine hypothesis. 1993 , 7, 745-59		48
395	Long-term effect of inducible silent ischaemia on left ventricular systolic function. 1993 , 9, 291-6		1
394	Asymptomatic and electrically silent myocardial ischemia during upright leg cycle ergometry and treadmill exercise (clandestine myocardial ischemia). <i>American Journal of Cardiology</i> , 1993 , 72, 1114-20	3	7
393	Noninvasive detection of coronary artery disease by assessing diastolic abnormalities during low isometric exercise. 1993 , 16, 205-12		4
392	Flow capacities of arterial grafts for coronary artery bypass grafting. 1993 , 56, 957-62		31
391	Pretreatment with theophylline does not affect adenosine-induced thallium-201 myocardial imaging. 1993 , 126, 1077-83		10
390	Suppression of inducible painless myocardial ischemia by conventional medical therapy: effect on short-term outcome and left ventricular systolic function. <i>American Journal of Cardiology</i> , 1994 , 73, 26B-29B	3	1
389	Exercise echocardiography: coming of age. 1994 , 24, 115-6		12
388	Values of intravenous ergonovine test with two-dimensional echocardiography for diagnosis of coronary artery spasm. 1994 , 7, 607-15		21
387	Evaluation by quantitative 99m-technetium MIBI SPECT and echocardiography of myocardial perfusion and wall motion abnormalities in patients with dobutamine-induced ST-segment elevation. <i>American Journal of Cardiology</i> , 1995 , 76, 441-8	3	44
386	Left ventricular hypertrophy and diastolic dysfunction: their relation to coronary heart disease. 1995 , 9 Suppl 3, 533-7		22
385	Morphological and functional significance of findings in unstable atherothrombotic plaque underlying acute coronary syndromes: a review. <i>International Journal of Cardiology</i> , 1995 , 49 Suppl, S3-9	3 ²	3

384	Electrocardiographic response during dobutamine stress echocardiography. 1995 , 129, 672-7		26
383	Assessment and significance of ST-segment changes detected by ambulatory electrocardiography after acute myocardial infarction. <i>American Journal of Cardiology</i> , 1995 , 76, 6-13	3	8
382	Dobutamine-induced hypoperfusion without transient wall motion abnormalities: less severe ischemia or less severe stress?. 1996 , 27, 323-9		44
381	Ergonovine echocardiography as a screening test for diagnosis of vasospastic angina before coronary angiography. 1996 , 27, 1156-61		43
380	Amrinone stimulation test: ability to predict improvement in left ventricular ejection fraction after coronary bypass surgery in patients with poor baseline left ventricular function. 1996 , 28, 1488-92		9
379	Advantages and disadvantages of dobutamine stress echocardiography compared with treadmill exercise electrocardiography in detecting ischemia. 1996 , 60, 954-60		7
378	Hemodynamic determinants of left ventricular diastolic function: a model study.		
377	Adenosine technetium-99m sestamibi single-photon emission tomography for the assessment of jeopardized myocardium early after acute myocardial infarction. Paradoxical scintigraphic underestimation of jeopardized myocardium in patients with a severe infarct-related stenosis. 1997 , 24, 1121-7		2
376	Investigation of the mechanism of chest pain in patients with angiographically normal coronary arteries using transesophageal dobutamine stress echocardiography. 1997 , 29, 293-301		122
375	Methodology, feasibility, safety and diagnostic accuracy of dobutamine stress echocardiography. 1997 , 30, 595-606		387
374	Dobutamine stress Doppler echocardiography: reproducibility and physiologic left ventricular filling patterns. <i>International Journal of Cardiology</i> , 1997 , 58, 293-303	3.2	2
373	Rationale for the use of calcium antagonists in the treatment of silent myocardial ischemia. 1997 , 19 Suppl A, 74-91		1
372	Quantitative evaluation of the segmental left ventricular response to dobutamine stress by tissue Doppler echocardiography. <i>American Journal of Cardiology</i> , 1997 , 79, 1036-42	3	122
371	Comparison of left ventricular function and volumes during transesophageal atrial pacing combined with two-dimensional echocardiography in patients with syndrome X, atherosclerotic coronary artery disease, and normal subjects. <i>American Journal of Cardiology</i> , 1997 , 80, 1261-5	3	13
370	Comparison of dobutamine stress echocardiography and 99m-technetium sestamibi SPECT myocardial perfusion scintigraphy for predicting extent of coronary artery disease in patients with healed myocardial infarction. <i>American Journal of Cardiology</i> , 1997 , 79, 7-12	3	34
369	Dynamic stress echocardiography for evaluating anti-ischemic drug profiles in post-MI patients. 1997 , 13, 485-91		1
368	[Conservative therapeutic approaches in terminal coronary heart disease. Chronic intermittent urokinase therapy]. 1997 , 22, 262-71		1
367	Comparison between qualitative and quantitative wall motion analyses using dipyridamole stress breath-hold cine magnetic resonance imaging in patients with severe coronary artery stenosis. 1997 , 15, 891-8		14

366	Significance of prominent atrial-wave and diastasis deflection in radionuclide diastolic volume curve during exercise in detection of coronary artery disease. 1998 , 21, 341-5		1
365	Transnasal Transesophageal Stress Echocardiography. 1998 , 15, 467-472		7
364	Diagnosis of coronary vasospasm in patients with clinical presentation of unstable angina pectoris using ergonovine echocardiography. <i>American Journal of Cardiology</i> , 1998 , 82, 1475-8	3	12
363	Ecocardiografía-MIBI con dobutamina: significado de las alteraciones de la contractilidad en pacientes con alteraciones de la perfusión. 1998 , 51, 204-210		0
362	Measurement of haemodynamic parameters during dobutamine echocardiography by automated impedance cardiography.		
361	Noninvasive diagnosis of coronary artery stenosis in women with limited exercise capacity: comparison of dobutamine stress echocardiography and 99mTc sestamibi single-photon emission CT. 1998 , 114, 1097-104		29
360	Evaluation of systolic performance by automated impedance cardiography. 1999 , 873, 167-73		5
359	Clinical relevance of chest pain during dobutamine stress echocardiography in women. 1999 , 22, 715-8		7
358	Visceral chest pain in unstable angina pectoris and effects of transcutaneous electrical nerve stimulation. (TENS). A review. 1999 , 24, 114-25		12
357	Long-term Urokinase Therapy and Isovolemic Hemodilution: A Clinical and Hemodynamic Comparison in Patients with Refractory Angina Pectoris. 1999 , 8, 44-49		4
356	Mechanisms of cardiac pain. 1999 , 61, 143-67		192
355	Evaluating the chest pain patient. Scope of the problem. 1999 , 17, 307-26		3
354	Abnormal global left ventricular relaxation occurs early during the development of pharmacologically induced ischemia. 1999 , 12, 113-20		13
353	Transesophageal echocardiography with stress for the evaluation of patients with coronary artery disease. 1999 , 17, 501-20, viii-ix		4
352	Echocardiographic quantification of regional left ventricular wall motion with color kinesis. <i>American Journal of Cardiology</i> , 2000 , 85, 245-50	3	11
351	Safety and clinical impact of ergonovine stress echocardiography for diagnosis of coronary vasospasm. 2000 , 35, 1850-6		49
350	Dobutamine stress myocardial perfusion imaging. 2000 , 36, 2017-27		88
349	Does flow reserve match contractility?. 2000 , 35, 258-9		

348	Hyperventilation and cold-pressor stress echocardiography for noninvasive diagnosis of coronary artery spasm. 2001 , 14, 626-33		19
347	The clinical use of imaging techniques with exercise testing. 2001 , 28, 181-98 ,viii		1
346	Diagnosis of myocardial ischemia in hypertensive patients. 2001 , 19, 1177-83		91
345	Identification of hemodynamically significant restenosis after percutaneous transluminal coronary angioplasty in acute myocardial infarction by transesophageal dobutamine stress echocardiography and comparison with myocardial single photon emission computed tomography. 2001 , 14, 271-82		1
344	Stress echocardiography: technical considerations. 2001 , 43, 303-14		3
343	Perfusion versus function: the ischemic cascade in demand ischemia: implications of single-vessel versus multivessel stenosis. 2002 , 105, 987-92		120
342	Diabetes mellitus and cardiovascular disease. 2002 , 13, 15-30		10
341	Evaluation of the phase-plane ECG as a technique for detecting acute coronary occlusion. <i>International Journal of Cardiology</i> , 2002 , 84, 161-70	3-2	14
340	Differentiation between endothelial dysfunction and epicardial coronary artery stenosis with the aid of stress ECG and echocardiography. A novel return of the old ECG!. 2002 , 23, 1561-2		3
339	Dipyridamole stress echocardiography: to be included in the Guidelines or to be abandoned from the clinical arena?. 2003 , 19, 29-32		1
338	Magnetic resonance imaging in ischemic heart disease. 2003 , 38, 320-9		2
337	Quantitative ischemia detection during cardiac magnetic resonance stress testing by use of FastHARP. 2003 , 107, 2025-30		84
336	Severe coronary artery disease presenting with a chief complaint of cervical pain. 2003 , 82, 716-20		1
335	Observation of the ischemic cascade in humans using contrast echocardiography during dobutamine stress. 2003 , 67, 406-10		10
334	High-dose dobutamine-atropine stress cardiovascular MR imaging after coronary revascularization in patients with wall motion abnormalities at rest. 2004 , 233, 210-6		62
333	Detection of acute myocardial ischemia during percutaneous transluminal coronary angioplasty by endocardial acceleration. 2004 , 27, 621-5		12
332	Dobutamine stress MRI. Part I. Safety and feasibility of dobutamine cardiovascular magnetic resonance in patients suspected of myocardial ischemia. 2004 , 14, 1823-8		49
331	MRI in coronary artery disease. 2004 , 14, 2155-62		13

330	Non-invasive computerised detection of acute coronary occlusion. 2004 , 42, 294-302	3
329	Imaging of myocardial perfusion with magnetic resonance. 2004 , 19, 750-7	71
328	MR imaging assessment of cardiac function. 2004 , 19, 789-99	65
327	Adenosine triphosphate stress myocardial contrast echocardiography detects coronary artery stenosis with greater sensitivity than wall-motion abnormality measurements. 2004 , 17, 1275-80	7
326	Why Does Magnetic Resonance Imaging Remain Underused in Patients With Heart Disease?. 2004 , 57, 379-381	
325	Echocardiographie de stress. 2004 , 1, 38-48	0
324	¿Por qu�a resonancia magn�tica sigue infrutilizada en los pacientes con cardiopat�a?. 2004 , 57, 379-381	
323	Long-term prognostic value of dobutamine stress echocardiography compared with myocardial perfusion scanning in patients unable to perform exercise tests. 2004 , 117, 1-9	40
322	Anginal threshold between stress tests: exercise versus dobutamine stress echocardiography. 2005 , 37, 18-23	4
321	Dobutamine-Atropine Stress Echocardiography. 2005 , 5, 101-116	0
320	Radionuclide-based insights into the pathophysiology of ischemic heart disease: beyond diagnosis. 2005 , 53, 176-91	5
319	Echocardiographic insights into regional flow-function relationships in coronary artery disease. 2005 , 12, 216-26	3
318	Changes in the slope of the first major deflection of the ECG complex during acute coronary occlusion. 2005 , 35, 299-309	8
317	Clinical and prognostic implications of angina pectoris developing during dobutamine stress echocardiography in the absence of inducible wall motion abnormalities. <i>American Journal of Cardiology</i> , 2005 , 96, 788-93	3 3
316	Coronary circulation and interventional cardiology. 2005 , 33, 1735-42	9
315	Noninvasive diagnosis of coronary artery disease in patients with diabetes by dobutamine stress real-time myocardial contrast perfusion imaging. 2005 , 28, 1662-7	18
314	Myocardial perfusion after angioplasty in patients suspected of having single-vessel coronary artery disease: improvement detected at rest-stress first-pass perfusion MR imaging--initial experience. 2005 , 237, 67-74	13
313	Noninvasive evaluation of coronary artery disease: magnetic resonance imaging & multi-slice computed tomography. 2005 , 1, 79-86	

312	Cardiac imaging in coronary artery disease: differing modalities. 2005 , 91, 1110-7		60
311	Isquemia silente. 2005 , 9, 2598-2605		
310	Magnetic resonance imaging of coronary arteries, the ischemic cascade, and myocardial infarction. 2005 , 149, 200-8		13
309	Magnetic resonance cardiac perfusion imaging-a clinical perspective. 2006 , 16, 1779-88		12
308	Real-time myocardial contrast dobutamine stress echocardiography in coronary stenosis. <i>International Journal of Cardiology</i> , 2006 , 113, 19-24	3-2	7
307	Usefulness of a novel ultrasound transducer for continuous monitoring treadmill exercise echocardiography to assess coronary artery disease. 2006 , 70, 1297-302		4
306	Echocardiographie de stress. 2006 , 1, 1-7		
305	Adenosine Perfusion Magnetic Resonance. 2006 , 10, 16-20		
304	Myocardial Wall Motion Imaging with Cardiac Magnetic Resonance Imaging. 2006 , 10, 8-15		
303	Dynamic multi-section CT imaging in acute myocardial infarction: preliminary animal experience. 2006 , 16, 746-52		87
302	Cardiac stress MR imaging with dobutamine. 2006 , 16, 2728-38		22
301	Mechanisms of regional wall motion abnormalities in contrast-enhanced dobutamine stress echocardiography. 2006 , 95, 650-6		4
300	Diagnostic and prognostic value of non-invasive imaging in known or suspected coronary artery disease. 2006 , 33, 93-104		46
299	Phonocardiographic timing of third and fourth heart sounds during acute myocardial infarction. 2006 , 39, 305-9		13
298	Liver transplantation: do you have the heart for it?. 2006 , 12, 520-2		11
297	The role of non-invasive imaging in the risk stratification of asymptomatic diabetic subjects. 2006 , 27, 905-12		48
296	Determination of the absolute perfusion threshold preventing myocardial ischaemia in humans. 2007 , 93, 115-6		12
295	Cardiac imaging for risk stratification in diabetes. 2007 , 30, 1295-304		28

294	An exercise tissue Doppler and strain rate imaging study of diastolic myocardial dysfunction after Kawasaki syndrome in childhood. 2007 , 17, 478-86		15
293	Diagnosis of vasospastic angina: comparison of hyperventilation and cold-pressor stress echocardiography, hyperventilation and cold-pressor stress coronary angiography, and coronary angiography with intracoronary injection of acetylcholine. <i>International Journal of Cardiology</i> , 2007 , 116, 331-7	3.2	7
292	Prognostic significance of exercise stress echocardiography in 3329 outpatients (5-year longitudinal study). <i>International Journal of Cardiology</i> , 2007 , 119, 297-305	3.2	21
291	Prolongation of the QTc interval is seen uniformly during early transmural ischemia. 2007 , 49, 1299-305		91
290	Cardiovascular magnetic resonance perfusion imaging at 3-tesla for the detection of coronary artery disease: a comparison with 1.5-tesla. 2007 , 49, 2440-9		172
289	Comparison of three accelerated pulse sequences for semiquantitative myocardial perfusion imaging using sensitivity encoding incorporating temporal filtering (TSENSE). 2007 , 26, 569-79		19
288	Patient preparation for nuclear imaging: when should anti-ischemic medications be withheld?. 2007 , 14, 775-81		4
287	[Magnetic resonance imaging for the assessment of myocardial perfusion: value of various semiquantitative perfusion parameters]. 2007 , 47, 319-24		0
286	The additional value of first pass myocardial perfusion imaging during peak dose of dobutamine stress cardiac MRI for the detection of myocardial ischemia. 2008 , 24, 69-76		24
285	Quantitative myocardial perfusion imaging using different autocalibrated parallel acquisition techniques. 2008 , 28, 51-9		8
284	Validation of a new noninvasive device for the monitoring of peak endocardial acceleration in pigs: implications for optimization of pacing site and configuration. 2008 , 19, 725-9		15
283	A comprehensive approach to the analysis of contrast enhanced cardiac MR images. 2008 , 27, 1592-610		67
282	Differences in treadmill exercise tolerance parameters between patients with partial and advanced interatrial depolarization abnormality. <i>American Journal of Cardiology</i> , 2008 , 102, 866-70	3	
281	Cardiac magnetic resonance evaluation of myocardial viability and ischemia. 2008 , 43, 193-203		8
280	MR imaging of ischemic heart disease. 2008 , 16, 201-12, viii		7
279	Imaging the physiology of the ischemic cascade: are 2 tools better than 1?. <i>Circulation: Cardiovascular Imaging</i> , 2008 , 1, 92-3	3.9	2
278	Noninvasive techniques to assess myocardial ischemia in hypertensive patients. 2008 , 4, 569-81		1
277	Additional value of myocardial perfusion imaging during dobutamine stress magnetic resonance for the assessment of coronary artery disease. <i>Circulation: Cardiovascular Imaging</i> , 2008 , 1, 122-30	3.9	48

- 276 Diagnostic performance of myocardial perfusion MR at 3 T in patients with coronary artery disease. **2008**, 247, 57-63 53
- 275 Regional motion patterns for the Left Ventricle function assessment. **2008**,
- 274 Exercise-induced changes in E/E' ratio in patients with suspected coronary artery disease. **2008**, 19, 405-11 13
- 273 Plasma levels of TNF-alpha, IL-6, and IL-10 and their relationship with left ventricular diastolic function in patients with stable angina pectoris and preserved left ventricular systolic performance. **2008**, 19, 375-82 44
- 272 Noninvasive assessment of myocardial perfusion. *Circulation: Cardiovascular Imaging*, **2009**, 2, 412-24 3.9 144
- 271 Effect of revascularizing viable myocardium on left ventricular diastolic function in patients with ischaemic cardiomyopathy. **2009**, 30, 1501-9 27
- 270 Quantitative contrast-enhanced myocardial perfusion magnetic resonance imaging: simulation of bolus dispersion in constricted vessels. **2009**, 36, 3099-106 13
- 269 Echocardiography in Acute Coronary Syndrome. **2009**, 1
- 268 Noninvasive stress testing of myocardial perfusion defects: head-to-head comparison of thallium-201 SPECT to MRI perfusion. **2009**, 16, 549-61 2
- 267 Protocols and Indications for Magnetic Resonance (Stress) First-Pass Perfusion Imaging of the Myocardium. **2009**, 13, 52-58 1
- 266 General Introduction. **2009**, 13, 39-42
- 265 Magnetic resonance myocardial perfusion imaging-First experience at 3.0T. **2009**, 69, 165-72 1
- 264 Heart failure with preserved ejection fraction in older adults. **2009**, 122, 713-23 19
- 263 Additional diagnostic value of systolic dysfunction induced by dipyridamole stress cardiac magnetic resonance used in detecting coronary artery disease. **2009**, 62, 383-91 2
- 262 Symptoms and Signs of Myocardial Ischemia. **2009**, 31-42
- 261 Contrast Stress Echocardiography. **2009**, 343-359
- 260 Valor diagnóstico adicional de la disfunción sistólica inducida para la detección de enfermedad coronaria mediante resonancia magnética cardíaca de estrés con dipiridamol. **2009**, 62, 383-391 5
- 259 Echo Assessment of Systolic and Diastolic Function in Acute Coronary Syndrome. **2009**, 37-57

258 The Ischemic Cascade 2009, 149-160

257 Nuclear imaging in heart failure. 2009, 27, 265-76, Table of Contents 4

256 Diastolic stress echocardiography detects coronary artery disease in patients with asymptomatic type II diabetes. 2010, 21, 104-12 9

255 High resolution myocardial magnetic resonance stress perfusion imaging at 3 T using a 1 M contrast agent. 2010, 20, 533-41 8

254 Diastolic function in healthy humans: non-invasive assessment and the impact of acute and chronic exercise. 2010, 108, 1-14 26

253 Left ventricular remodeling after myocardial infarction impairs early diastolic, but not systolic, function in the radial direction in the remote normal region. 2010, 8, 112-7

252 Myocardial perfusion scintigraphy in asymptomatic diabetic patients: a critical review. 2010, 26, 336-47 12

251 Persistent regional diastolic dysfunction after myocardial ischemia and the effect of statin treatment: assessment with two-dimensional radial strain rate. 2010, 27, 244-52 5

250 Estimation of coronary flow velocity reserve using transthoracic Doppler echocardiography and cold pressor test might be useful for detecting of patients with variant angina. 2010, 27, 435-41 8

249 "Exercise-induced cardiac fatigue"--a review of the echocardiographic literature. 2010, 27, 1130-40 67

248 Cardiac Computed Tomography and Magnetic Resonance for the Evaluation of Acute Chest Pain in the Emergency Department. 2010, 278-298

247 Quantitative whole heart stress perfusion CT imaging as noninvasive assessment of hemodynamics in coronary artery stenosis: preliminary animal experience. 2010, 45, 298-305 94

246 Comparison of Perfusion and Wall Motion Cardiovascular Magnetic Resonance Imaging. 2010, 229-240

245 Ranolazine and its anti-ischemic effects: revisiting an old mechanistic paradigm anew?. 2010, 56, 943-5 10

244 Adenosine stress myocardial contrast echocardiography for the detection of coronary artery disease: a comparison with coronary angiography and cardiac magnetic resonance. *JACC: Cardiovascular Imaging*, 2010, 3, 934-43 8.4 35

243 Effect of invasive treatment on prognosis in non-ST-segment elevation acute coronary syndrome with or without systolic dysfunction. 2010, 63, 915-24

242 Systolic and diastolic function as related to arterial stiffness. 2010, 4, 122 7

241 Impacto pronóstico de una estrategia invasiva en el síndrome coronario agudo sin elevación del segmento ST según la presencia o no de disfunción sistólica. 2010, 63, 915-924 7

240	Physiological basis for angina and ST-segment change PET-verified thresholds of quantitative stress myocardial perfusion and coronary flow reserve. <i>JACC: Cardiovascular Imaging</i> , 2011 , 4, 990-8	8.4	93
239	PET imaging of cardiac hypoxia: opportunities and challenges. 2011 , 51, 640-50		33
238	Plasma levels of tumor necrosis factor- α and interleukin-6 are associated with diastolic heart failure through downregulation of sarcoplasmic reticulum Ca^{2+} ATPase. 2011 , 39, 984-92		86
237	Transmural myocardial strain gradient: a new and robust quantitative index of left ventricular wall motion based on myocardial strain imaging. 2011 , 28, 181-7		10
236	Myocardial perfusion imaging using adenosine-induced stress dual-energy computed tomography of the heart: comparison with cardiac magnetic resonance imaging and conventional coronary angiography. 2011 , 21, 26-35		136
235	The diastolic stress test: a new approach to an old problem. 2011 , 16, 339-49		2
234	Non-invasive imaging in coronary artery disease including anatomical and functional evaluation of ischaemia and viability assessment. 2011 , 84 Spec No 3, S280-95		19
233	Quantitative myocardial perfusion magnetic resonance imaging: the impact of pulsatile flow on contrast agent bolus dispersion. 2011 , 56, 5167-85		7
232	Frequency and characteristics of myocardial ischemia recorded during stress echocardiography in patients with high coronary risk. 2011 , 68, 393-8		3
231	MR imaging evaluation of cardiovascular risk in metabolic syndrome. 2012 , 264, 21-37		37
230	Prognostic implications of dipyridamole cardiac MR imaging: a prospective multicenter registry. 2012 , 262, 91-100		35
229	CT of coronary heart disease: Part 1, CT of myocardial infarction, ischemia, and viability. 2012 , 198, 531-47		39
228	Non-ST-segment elevation acute coronary syndromes: targeted imaging to refine upstream risk stratification. <i>Circulation: Cardiovascular Imaging</i> , 2012 , 5, 536-46	3.9	4
227	Why Are We Interested in Myocardial Perfusion?. 2012 , 45-55		
226	Early noninvasive evaluation of coronary flow reserve after angioplasty in the left anterior descending coronary artery identifies patients at high risk of restenosis at follow-up. 2012 , 25, 902-10		8
225	Evaluation of myocardial ischemia and viability by noninvasive cardiac imaging. 2012 , 10, 55-73		6
224	High spatial resolution myocardial perfusion imaging during high dose dobutamine/atropine stress magnetic resonance using k-t SENSE. <i>International Journal of Cardiology</i> , 2012 , 158, 411-6	3.2	16
223	Tissue Doppler imaging for diagnosis of coronary artery disease: a systematic review and meta-analysis. 2012 , 10, 47		16

222	Dual-energy CT of the heart. 2012 , 199, S54-63		77
221	Response to Drs Neema and Rathod. 2012 , 26, e71-e72		
220	Silent ischemia: clinical relevance. 2012 , 59, 435-41		53
219	BOLD new directions in myocardial ischemia imaging-myocardial oxygenation assessment by cardiac magnetic resonance. 2012 , 59, 1965-7		7
218	Myocardial perfusion measurement by contrast echocardiography in congenital heart disease. 2012 , 34, 53-56		
217	Chronic (Stable) Coronary Artery Disease. 2012 , 29-33		
216	Detection of high-burden coronary artery disease by exercise-induced changes of the E/E' ratio. 2012 , 28, 521-30		6
215	Update on Dobutamine Stress Magnetic Resonance. 2012 , 5, 116-125		
214	Intracoronary infusion of mononuclear cells after PCI-treated myocardial infarction and arrhythmogenesis: is it safe?. 2012 , 20, 133-7		5
213	Value of additional myocardial perfusion imaging during dobutamine stress magnetic resonance for the assessment of intermediate coronary artery disease. 2012 , 28, 89-97		12
212	Stress echocardiography: a useful tool for children with aortic stenosis. 2013 , 34, 1237-43		5
211	State of the Art in Cardiac Hybrid Technology: PET/MR. 2013 , 6, 338-345		23
210	A Critical Review of Different Imaging Methods for the Assessment of Myocardial Ischemia. 2013 , 6, 117-127	3	
209	Value of cardiac 320-multidetector computed tomography and cardiac magnetic resonance imaging for assessment of myocardial perfusion defects in patients with known chronic ischemic heart disease. 2013 , 29, 1585-93		17
208	Correlation of echocardiographic left atrial abnormality with myocardial ischemia during myocardial perfusion assessment in patients with left bundle branch block. <i>American Journal of Cardiology</i> , 2013 , 112, 660-3	3	1
207	Is myocardial stress perfusion MR-imaging suitable to predict the long term clinical outcome after revascularization?. 2013 , 82, 1776-82		7
206	Correlation of echocardiographic left atrial abnormality with myocardial ischemia during myocardial perfusion assessment in the presence of known left ventricular hypertrophy. <i>American Journal of Cardiology</i> , 2013 , 112, 416-9	3	2
205	Incremental value of perfusion over wall-motion abnormalities with the use of dobutamine-atropine stress myocardial contrast echocardiography and magnetic resonance imaging for detecting coronary artery disease. 2013 , 30, 45-54		15

204	Role of imaging for acute chest pain syndromes. 2013 , 43, 71-81	9
203	A multicenter, prospective study to evaluate the use of contrast stress echocardiography in early menopausal women at risk for coronary artery disease: trial design and baseline findings. 2013 , 22, 173-83	7
202	Dose response of the intravascular contrast agent gadofosveset trisodium in MR perfusion imaging of the myocardium using a quantitative evaluation. 2013 , 29, 1527-36	2
201	Exercise standards for testing and training: a scientific statement from the American Heart Association. 2013 , 128, 873-934	1060
200	Computational fluid dynamics simulations of contrast agent bolus dispersion in a coronary bifurcation: impact on MRI-based quantification of myocardial perfusion. 2013 , 2013, 513187	10
199	Evaluation of radiation-induced myocardial damage using iodine-123 [methyl-iodophenyl pentadecanoic acid scintigraphy. 2013 , 54, 880-9	13
198	Assessment of subendocardial contractile function in aortic stenosis: a study using speckle tracking echocardiography. 2013 , 30, 293-300	12
197	Residual ischemia after revascularization in multivessel coronary artery disease: insights from measurement of absolute myocardial blood flow using magnetic resonance imaging compared with angiographic assessment. 2013 , 6, 237-45	10
196	CT Assessment of the Myocardial Blood Supply: Quantitative Imaging. 2013 , 145-151	
195	Left circumflex arising from the right coronary artery and silent myocardial ischaemic damage: a potentially lethal disarray detected by cardiac CT and SPECT. 2013 , 2013,	1
194	Role of the ECG in initial acute coronary syndrome triage: primary PCI regardless presence of ST elevation or of non-ST elevation. 2014 , 22, 484-90	13
193	Echocardiographic assessment of cardiac structure and function in great apes: a practical guide. 2014 , 48, 218-233	9
192	Dose response of the intravascular contrast agent gadofosveset trisodium in MR perfusion imaging of the myocardium using semiquantitative evaluation. 2014 , 39, 203-10	2
191	Towards elimination of the dark-rim artifact in first-pass myocardial perfusion MRI: removing Gibbs ringing effects using optimized radial imaging. 2014 , 72, 124-36	27
190	Atypical manifestation of myocardial ischemia in the elderly. 2014 , 102, e31-3	2
189	Imaging techniques for the assessment of suspected acute coronary syndromes in the emergency department. 2014 , 39, 191-247	4
188	The feasibility and clinical utility of myocardial contrast echocardiography in clinical practice: results from the incorporation of myocardial perfusion assessment into clinical testing with stress echocardiography study. 2014 , 27, 520-30	22
187	Molecular imaging of myocardial infarction. 2014 , 109, 397	26

186	Assessing clinical impact of myocardial perfusion studies: ischemia or other prognostic indicators?. 2014 , 16, 465		1
185	Dobutamine stress cardiac magnetic resonance versus echocardiography for the assessment of outcome in patients with suspected or known coronary artery disease. Are the two imaging modalities comparable?. <i>International Journal of Cardiology</i> , 2014 , 171, 153-60	3.2	8
184	Confluence of depression and acute psychological stress among patients with stable coronary heart disease: effects on myocardial perfusion. 2014 , 3, e000898		24
183	Two-dimensional speckle tracking-derived strain to distinguish acute coronary syndrome from a marked early repolarization in a patient with chest pain: a fancy gadget or a useful tool?. 2014 , 31, E48-51		2
182	Assessment of perfusion and wall-motion abnormalities and transient ischemic dilation in regadenoson stress cardiac magnetic resonance perfusion imaging. 2014 , 30, 949-57		7
181	Determinants of exercise-induced pulmonary arterial hypertension in systemic sclerosis. <i>International Journal of Cardiology</i> , 2014 , 173, 373-9	3.2	28
180	Diastolic dysfunction in patients with ischemic symptoms without obstructive coronary artery disease. <i>Circulation: Cardiovascular Imaging</i> , 2014 , 7, 420-1	3.9	1
179	Stress cardiac MR imaging compared with stress echocardiography in the early evaluation of patients who present to the emergency department with intermediate-risk chest pain. 2014 , 271, 56-64		23
178	Cardiac magnetic resonance performs better in the detection of functionally significant coronary artery stenosis compared to single-photon emission computed tomography and dobutamine stress echocardiography. 2014 , 78, 2468-76		19
177	System-wide assembly of pathways and modules hierarchically reveal metabolic mechanism of cerebral ischemia. 2015 , 5, 17068		18
176	Robust cardiac BOLD MRI using an fMRI-like approach with repeated stress paradigms. 2015 , 73, 577-85		6
175	Impaired Diastolic Recovery after Acute Myocardial Infarction as a Predictor of Adverse Events. 2015 , 23, 150-7		8
174	Noninvasive physiologic assessment of coronary stenoses using cardiac CT. 2015 , 2015, 435737		7
173	Magnetic Resonance Imaging of the Myocardium, Coronary Arteries, and Anomalous Origin of Coronary Arteries. 2015 , 283-337		1
172	Distinct functional roles of cardiac mitochondrial subpopulations revealed by a 3D simulation model. 2015 , 108, 2732-9		12
171	Assessment of myocardial metabolic disorder associated with mediastinal radiotherapy for esophageal cancer -a pilot study. 2015 , 10, 96		11
170	Cardiac magnetic resonance myocardial perfusion reserve index is reduced in women with coronary microvascular dysfunction. A National Heart, Lung, and Blood Institute-sponsored study from the Women's Ischemia Syndrome Evaluation. <i>Circulation: Cardiovascular Imaging</i> , 2015 , 8,	3.9	130
169	The incremental prognostic value of the incorporation of myocardial perfusion assessment into clinical testing with stress echocardiography study. 2015 , 28, 1358-65		16

168	Measuring myocardial perfusion: the role of PET, MRI and CT. 2015 , 70, 576-84		28
167	Myocardial ischaemia and post-systolic shortening. 2015 , 101, 509-16		43
166	Is the diagnostic yield of myocardial stress perfusion MRI impaired by three-vessel coronary artery disease?. 2015 , 56, 143-51		1
165	Diagnosis of functionally significant coronary stenosis with exercise CT myocardial perfusion imaging. 2015 , 274, 684-92		2
164	Cardiovascular magnetic resonance for the assessment of coronary artery disease. <i>International Journal of Cardiology</i> , 2015 , 193, 84-92	3.2	13
163	Usefulness of cardiac MRI in the prognosis and follow-up of ischemic heart disease. 2015 , 57, 201-212		
162	Usefulness of cardiac MRI in the prognosis and follow-up of ischemic heart disease. 2015 , 57, 201-12		1
161	Radionuclide myocardial perfusion imaging for the evaluation of patients with known or suspected coronary artery disease in the era of multimodality cardiovascular imaging. 2015 , 57, 644-53		19
160	A review of adherence to the guidelines for coronary CT angiography quantitative stenosis grading thresholds in published research. 2015 , 127, 194-201		3
159	Perioperative myocardial perfusion: an anesthesiologists' concern?. 2015 , 28, 101-6		2
158	The Burden of Australian Indigenous Cardiac Disease and the Emerging Role of Cardiac Imaging. 2015 , 8, 1		
157	The ischaemic constellation: an alternative to the ischaemic cascade-implications for the validation of new ischaemic tests. 2015 , 2, e000178		8
156	The Utility of Systolic and Diastolic Echocardiographic Parameters for Predicting Coronary Artery Disease Burden as Defined by the SYNTAX Score. 2016 , 33, 14-22		11
155	A comparison of the diagnostic value of 2D strain stress echocardiography, myocardial perfusion scintigraphy, and Duke treadmill score in patients suspected of coronary artery disease. 2016 , 33, 1523-1531		6
154	Challenges for 'diastology': contributions from Japanese researchers. 2016 , 14, 93-103		3
153	Imaging Techniques for the Assessment of Myocardial Perfusion. 2016 , 1, 247-251		1
152	In silico coronary wave intensity analysis: application of an integrated one-dimensional and poromechanical model of cardiac perfusion. 2016 , 15, 1535-1555		13
151	Myopathy mimicking an acute coronary syndrome. 2016 , 71, 426-427		

150	Left ventricular end diastolic pressure for detection of intracoronary ergonovine-induced myocardial ischemia. 2016 , 41, 320-5		
149	Mild anemia as a possible cause of false positive stress echocardiography in non-obstructive coronary artery disease: A pathophysiologic hypothesis. <i>International Journal of Cardiology</i> , 2016 , 203, 525-6	3,2	2
148	Hyperpolarized Metabolic MR Imaging of Acute Myocardial Changes and Recovery after Ischemia-Reperfusion in a Small-Animal Model. 2016 , 278, 742-51		25
147	Imaging of atherosclerosis. 2016 , 32, 5-12		14
146	Postoperative real-time electrocardiography monitoring detects myocardial ischemia: a case report. 2017 , 64, 411-415		3
145	Computer aided diagnosis of Coronary Artery Disease, Myocardial Infarction and carotid atherosclerosis using ultrasound images: A review. 2017 , 33, 1-15		33
144	NONLINEAR ANALYSIS OF CORONARY ARTERY DISEASE, MYOCARDIAL INFARCTION, AND NORMAL ECG SIGNALS. 2017 , 17, 1740006		3
143	The lung water cascade in heart failure. 2017 , 34, 1503-1507		12
142	Role of Cardiac PET in Clinical Practice. 2017 , 19, 93		8
141	Estimation of myocardial deformation using correlation image velocimetry. 2017 , 17, 25		0
140	Lower diastolic wall strain is associated with coronary revascularization in patients with stable angina. 2017 , 17, 301		1
139	Role of Quantitative Wall Motion Analysis in Patients with Acute Chest Pain at Emergency Department. 2017 , 25, 20-27		2
138	Cardiovascular magnetic resonance imaging assessment of outcomes in acute myocardial infarction. 2017 , 9, 109-133		16
137	T-Wave Abnormality as Electrocardiographic Signature of Myocardial Edema in Non-ST-Elevation Acute Coronary Syndromes. 2018 , 7,		6
136	Silent Myocardial Infarction and Long-Term Risk of Heart Failure: The ARIC Study. 2018 , 71, 1-8		46
135	The prognostic value of exercise stress echocardiography - Validation of a newly implemented method in our center. 2018 , 60, e615-e621		
134	Imaging the myocardial ischemic cascade. 2018 , 34, 1249-1263		24
133	Cardiac MR Angiography. 2018 , 399-432		

132	Ergonovine Stress Echocardiography for the Diagnosis of Vasospastic Angina and Its Prognostic Implications in 3,094 Consecutive Patients. <i>Korean Circulation Journal</i> , 2018 , 48, 906-916	2.2	3
131	Coronary Artery Vasospasm. <i>Korean Circulation Journal</i> , 2018 , 48, 767-777	2.2	12
130	Speckle Tracking Echocardiography for the Assessment of the Athlete's Heart: Is It Ready for Daily Practice?. 2018 , 20, 83		14
129	Echocardiographic Assessment of Acute Chest Pain in the CCU. 2018 , 3-26		
128	Precipitants of Myocardial Ischemia. 2018 , 69-77		4
127	Acute EEG Patterns Associated With Transient Ischemic Attack. 2019 , 50, 196-204		8
126	Stress Echocardiography and Echo in Cardiopulmonary Testing. 2019 , 270-278.e1		
125	The Prognostic Value of the Diastolic Stress Test in Patients Undergoing Treadmill Stress Echocardiography. 2019 , 32, 1298-1306		7
124	Cardiac CT and MR for the Evaluation of Acute Chest Pain in the Emergency Setting. 2019 , 366-387		
123	Ischemia Reperfusion Injury: Mechanisms of Damage/Protection and Novel Strategies for Cardiac Recovery/Regeneration. 2019 , 20,		33
122	References. 2019 , 369-400		
121	Current approach to the diagnosis of atherosclerotic coronary artery disease: more questions than answers. 2019 , 10, 2040622319884819		8
120	Cardiac Magnetic Resonance Imaging used for Evaluation of Adipose-Derived Stromal Cell Therapy in Patients with Chronic Ischemic Heart Disease. 2019 , 28, 1700-1708		3
119	Complications. 2019 , 221-228		
118	Premorbid levels of high-sensitivity cardiac troponin T and natriuretic peptide and prognosis after incident myocardial infarction. 2019 , 216, 62-73		3
117	Extent of Myocardial Ischemia on Positron Emission Tomography and Survival Benefit With Early Revascularization. 2019 , 74, 1645-1654		33
116	Preparticipation Cardiovascular Screening of Student-Athletes with Echocardiography: Ethical, Clinical, Economic, and Legal Considerations. 2019 , 21, 16		2
115	Early ischemia identification employing 2D speckle tracking selective layers analysis during dobutamine stress echocardiography. 2019 , 36, 2202-2208		4

114 Ischemic Heart Disease in Women. **2019**, 3, 305-315

113 Low skeletal muscle mass is associated with low aerobic capacity and increased mortality risk in patients with coronary heart disease - a CARE CR study. **2019**, 39, 93-102 20

112 Gated SPECT myocardial perfusion imaging with cadmium-zinc-telluride detectors allows real-time assessment of dobutamine-stress-induced wall motion abnormalities. **2019**, 26, 1734-1742 1

111 The impact of atherosclerotic risk factors on disease progression in patients with previously diagnosed nonobstructive coronary artery disease: factors affecting coronary artery disease progression. **2020**, 31, 365-371 2

110 Pediatric stress echocardiography: A review. **2020**, 58, 101276

109 Utilidad de la cardi resonancia magnética de estrés en el diagnóstico de cardiopatía isquémica. **2020**, 27, 234-238

108 Early onset of left ventricular regional asynchrony in arteries with sub-clinical stenosis. **2021**, 28, 1040-1050 0

107 Self-Assembling Peptides as an Emerging Platform for the Treatment of Metabolic Syndrome. **2020**, 15, 10349-10370 8

106 Diagnostic and Prognostic Value of Ergonovine Echocardiography for Noninvasive Diagnosis of Coronary Vasospasm. *JACC: Cardiovascular Imaging*, **2020**, 13, 1875-1887 8.4 9

105 Trimetazidine as a Performance-enhancing drug in heart failure with preserved ejection fraction (DoPING-HFpEF): rationale and design of a placebo-controlled cross-over intervention study. **2020**, 28, 312-319 4

104 How do I diagnose and manage myocardial ischemia in the ICU?. **2020**, 371-378.e1

103 Implications of Abnormal Exercise Electrocardiography With Normal Stress Echocardiography. **2020**, 180, 494-502 6

102 Stress Echocardiography in the Era of Fractional Flow Reserve. **2020**, 13, 1

101 High-Resolution Cardiac Magnetic Resonance Imaging Techniques for the Identification of Coronary Microvascular Dysfunction. *JACC: Cardiovascular Imaging*, **2021**, 14, 978-986 8.4 21

100 Association Between Silent Myocardial Infarction and Long-Term Risk of Sudden Cardiac Death. **2021**, 10, e017044 7

99 Nuclear Imaging in Stable Ischemic Coronary Disease. **2021**, 265-290

98 Diagnóstico de aterosclerosis coronaria mediante estudios no invasivos: ecocardiografía, tomografía computarizada. **2021**, 32, 253-257

97 Measurement of propagation of local and minute contractile response in layered myocardium. **2021**, 60, SDDE02 0

96	Hyperventilation/Breath-Hold Maneuver to Detect Myocardial Ischemia by Strain-Encoded CMR: Diagnostic Accuracy of a Needle-Free Stress Protocol. <i>JACC: Cardiovascular Imaging</i> , 2021 , 14, 1932-1944 ^{8.4}	5
95	Conventional vs high-sensitive troponins in acute exacerbations of chronic obstructive pulmonary disease. 2021 , 50, 430-436	
94	ACR Appropriateness Criteria [®] Asymptomatic Patient at Risk for Coronary Artery Disease: 2021 Update. 2021 , 18, S2-S12	1
93	Feasibility of fast cardiovascular magnetic resonance strain imaging in patients presenting with acute chest pain. 2021 , 16, e0251040	1
92	Relief of Ischemia in Ischemic Cardiomyopathy. 2021 , 23, 80	2
91	Ischemia and Necrosis. 2021 , 229-296	
90	Incremental value of early systolic lengthening and postsystolic shortening in detecting left anterior descending artery stenosis using nonstress speckle-tracking echocardiography. 2021 , 11, 19359	2
89	Cardiac MRI to Visualize Myocardial Damage after ST-Segment Elevation Myocardial Infarction: A Review of Its Histologic Validation. 2021 , 301, 4-18	1
88	Study design for a randomized crossover study investigating myocardial strain analysis in patients with coronary artery disease at hyperoxia and normoxemia prior to coronary artery bypass graft surgery (StrECHO-O). 2021 , 110, 106567	1
87	Ischemia and Necrosis. 216-276	1
86	Contrast Stress Echocardiography. 2015 , 401-419	1
85	Computed tomographic evaluation of myocardial ischemia. 2020 , 38, 411-433	9
84	Acute particulate matter exposure is associated with disturbances in heart rate complexity in patients with prior myocardial infarction. 2020 , 733, 138842	7
83	Cardiac imaging for risk stratification with dobutamine-atropine stress testing in patients with chest pain. Echocardiography, perfusion scintigraphy, or both?. 1997 , 96, 137-47	72
82	Heart Failure With Preserved Ejection Fraction - Time for a Paradigm Shift Beyond Diastolic Function. 2018 , 1, 8-16	1
81	Acute single channel EEG predictors of cognitive function after stroke. 2017 , 12, e0185841	34
80	Stress echocardiography in coronary artery disease: a practical guideline from the British Society of Echocardiography. 2019 , 6, G17-G33	12
79	Acute coronary artery obstruction after aortic valve replacement surgery and role of transesophageal echocardiography. 2017 , 12, 348-351	4

78	Echocardiographic assessment of myocardial ischemia. 2016 , 4, 259		11
77	Evaluation of Myocardial Ischemia Using Coronary Computed Tomography Angiography in Patients with Stable Angina. <i>Journal of the Korean Society of Radiology</i> , 2020 , 81, 250	0.2	1
76	Tools for cardiovascular magnetic resonance imaging. 2014 , 4, 104-25		21
75	Selection of preclinical models to evaluate intranasal brain cooling for acute ischemic stroke. 2019 , 5, 160-168		2
74	Stress-induced Worsening of Left Ventricular Diastolic Function as a Marker of Myocardial Ischemia. 2017 , 27, 45-51		9
73	Abnormal diastolic function underlies the different beneficial effects of cardiac resynchronization therapy on ischemic and non-ischemic cardiomyopathy. 2017 , 72, 432-437		3
72	Cardiac Nociceptive Systems. 2000 , 267-301		
71	Imaging in the Emergency Department or Chest Pain Unit. 2006 , 221-235		
70	Thorax. 2006 , 737-751		0
69	Utility of Combined Assessment of Coronary Flow Velocity and Myocardial Perfusion During Low-dose Dobutamine Stress Echocardiography in the Detection of Left Anterior Coronary Artery Disease. 2006 , 4, 69-77		1
68	Tlax. 2007 , 759-774		
67	Exercise Echocardiography. 2007 , 326-352		
66	Radiopharmaceuticals and equipment. 2007 , 19-28		
65	Online Laser Doppler Measurements of Myocardial Perfusion. 2009 , 1718-1721		
64	Nitrates and Newer Antianginals. 2009 , 38-58		
63	Studio dell'ischemia miocardica. 2010 , 81-89		
62	Studio con mezzo di contrasto: perfusione e delayed enhancement. 2010 , 53-64		
61	Echocardiography and Detection of Coronary Artery Disease. 2010 , 225-248		

60 Detection of Myocardial Ischemia. **2010**, 53-92

59 The effect of repeated ischaemic periods on left ventricular dynamics during percutaneous coronary intervention. **2010**, 6, 623-9 1

58 The Electrocardiogram as a Risk Predictor in Asymptomatic Aortic Stenosis. **2013**, 35-45

57 Exercise stress testing, stress echocardiography, and scintigraphy: Which tool for which patient?. **2012**, 69-78

56 Exercise stress testing, stress echocardiography and scintigraphy. **2012**, 69-78

55 New Techniques for the Assessment of Coronary Microvascular Abnormalities. **2013**, 253-263

54 Effects of Left Ventricular Wall Motion Abnormality on Global and Regional Diastolic Function of the Left and Right Ventricles at Rest and After Stress. **2014**, 5, 176-182

53 The Scope of Interventions in Cardiovascular Conditions. **1989**, 3-9

52 Interventions for Evaluation of Myocardial Ischemia. **1989**, 89-99

51 Kombinationstherapie der Myokardischämie: Grundlagen und Ergebnisse. **1990**, 329-345

50 Combination Anti-Anginal Therapy: Rationale and Results. **1990**, 315-329

49 Clinical applications of rubidium-82 for myocardial perfusion imaging. **1992**, 127-141

48 Pharmakologische Stresschokardiographie mit Dipyridamol und Dobutamin: Praktische Durchführung. **1994**, 175-190

47 Basic Considerations in the Pathophysiology and Detection of Ischemic Left Ventricular Dysfunction. **1994**, 1-10

46 Stellenwert stresschokardiographischer Techniken im Spektrum möglicher Anwendungsgebiete. **1994**, 133-158

45 THE ROLE OF IMAGING TECHNIQUES IN STRESS TESTING. **1994**, 21, 535-555 4

44 MRI as a substitute for scintigraphic techniques in the assessment of inducible ischaemia. **1996**, 191-209

43 Stellenwert stresschokardiographischer Techniken im Spektrum der kardiologischen Funktionsdiagnostik. **1998**, 213-251

- 42 Pharmakologische Stresschokardiographie mit Dobutamin, Dipyridamol und Arbutamin: Praktische Durchführung. **1998**, 321-367
- 41 Safety, tolerability, and antiischaemic efficacy of ITF-296, a nitric oxide donor, in patients with chronic stable angina. **1998**, 32, 295-9
- 40 Silent Myocardial Ischemia. **1999**, 102-113
- 39 Symptoms and Signs of Myocardial Ischemia. **2015**, 37-51 1
- 38 Myocardial CT Viability. **2015**, 231-246
- 37 Stress Testing. **2015**, 193-209
- 36 Diastolic Abnormalities Detected by Velocity Vector Imaging in the Presence of Coronary Ischemia: A Pilot Stress Echocardiographic Study. **2016**, 17, 1-6 1
- 35 Addition of Exercise to Dipyridamole Stress Echocardiography in Order to Carry on the Ischemic Cascade: Role in the Diagnosis of Coronary Artery Disease and Prognostic Value. **2016**, 26, 115-119
- 34 Myocardial Contrast and Stress Echocardiography: New Frontiers. **2017**, 3, 001-010
- 33 [Is stress cardiovascular magnetic resonance really useful to detect ischemia and predict events in patients with different cardiovascular risk profile?]. **2017**, 87, 116-123
- 32 Coronary Anomalies. **2019**, 179-185
- 31 Myocardial Performance in Elite Athletes: The Role of Homocysteine, Iron, and Lipids. **2019**, 25, 1194-1203 1
- 30 Physical training improves myocardial perfusion but not left ventricular function response to exercise in patients with microvascular angina. **2019**, 63, 302-310 2
- 29 Initial investigation of free-breathing 3D whole-heart stress myocardial perfusion MRI. **2020**, 2020, e202038 0
- 28 Diagnostik der myokardialen Ischämiesyndrome. **2020**, 241-258
- 27 MR Stress Ventriculography. **2002**, 321-333
- 26 Cardiovascular Magnetic Resonance of Ischemic Heart Disease. **2005**, 70-90
- 25 Imaging of Cardiac Perfusion. **2007**, 407-415

24	Perioperative Ischemia and Infarction: Noncardiac Surgery. 1988 , 6, 527-543		3
23	Multimodal detection of perioperative myocardial ischemia. 2005 , 32, 461-6		4
22	CT imaging of myocardial viability: experimental and clinical evidence. 2007 , 18, 169-74		7
21	Multimodality noninvasive cardiovascular imaging for the evaluation of coronary artery disease. 2022 , 147-170		
20	Myocardial ischaemia.		
19	Beyond Coronary CT Angiography: CT Fractional Flow Reserve and Perfusion. <i>Journal of the Korean Society of Radiology</i> , 2022 , 83, 3	0.2	
18	Functional Angioplasty: Definitions, Historical Overview, and Future Perspectives.. <i>Korean Circulation Journal</i> , 2022 , 52, 34-46	2.2	1
17	Automated Echocardiographic Detection of Severe Coronary Artery Disease Using Artificial Intelligence.. <i>JACC: Cardiovascular Imaging</i> , 2021 ,	8.4	4
16	Combined Analysis of Myocardial Deformation and Oxygenation Detects Inducible Ischemia Unmasked by Breathing Maneuvers in Chronic Coronary Syndrome.. <i>Frontiers in Cardiovascular Medicine</i> , 2022 , 9, 800720	5.4	1
15	Relationship Between Myocardial Perfusion Imaging Abnormalities on Positron Emission Tomography and Anginal Symptoms, Functional Status, and Quality of Life.. <i>Circulation: Cardiovascular Imaging</i> , 2022 , 15, e013592	3.9	0
14	Nitrates and newer antianginals. 2013 , 38-63		1
13	Stress Echocardiography. 2016 , 237-283		
12	Cardiac MRI: A preferred method for assessing myocardial ischemia and infarct burden. 21-29		1
11	What are the prognostic implications and factors relating to exercise induced electrocardiographic ST segment changes in the setting of a non-ischemic stress echocardiogram?. <i>International Journal of Cardiology</i> , 2022 ,	3.2	0
10	Revascularisation and HFpEF Time for Randomised Trials. <i>European Journal of Heart Failure</i> ,	12.3	
9	Clinical case report of a professional triathlete with positive exercise stress test but negative coronary angiography. <i>Journal of Sports Medicine and Physical Fitness</i> ,	1.4	
8	Association of left ventricular flow energetics with remodeling after myocardial infarction: New hemodynamic insights for left ventricular remodeling. 2022 ,		0
7	Prognostic implications of coronary artery disease and stress tests in patients with elevated left ventricular filling pressure and preserved ejection fraction. 9,		0

6	Ischämische Herzkrankheit. 2022 , 62, 960-970	0
5	JCS 2021 Guideline on the Clinical Application of Echocardiography. 2022 ,	2
4	Feature tracking strain analysis detects the onset of regional diastolic dysfunction in territories with acute myocardial injury induced by transthoracic electrical interventions. 2022 , 12,	0
3	Why, When and How to Assess Ischemia and Viability in Patients with Chronic Total Occlusions. 2022 , 27-42	0
2	The Stressed Heart: A Case Report of Takotsubo Cardiomyopathy in a Patient With Known Coronary Artery Disease. 2023 ,	0
1	Pharmacological Treatment of Ischemic Heart Disease. 2023 , 345-367	0