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The hibernating myocardium

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1103	Hibernierender Herzmuskel: Diagnostik, Pharmakologie, Therapie, Prognose.		
1102	Myocardial ischemia and clinical applications of positron emission tomography. 1989 , 64, 46E-53E		15
1101	Impact of late coronary artery reperfusion on left ventricular function one month after acute myocardial infarction (results from the ISAM study). 1989 , 64, 878-84		54
1100	Percutaneous aortic balloon valvuloplasty. American Heart Journal, 1989, 118, 1360-1	4.9	1
1099	Hibernating myocardium. <i>American Heart Journal</i> , 1989 , 118, 1361	4.9	5
1098	Quantitative exercise thallium-201 rotational tomography for evaluation of patients with prior myocardial infarction. 1990 , 66, 151-7		23
1097	Dobutamine and improvement of regional and global left ventricular function in coronary artery disease. 1990 , 66, 375-7		23
1096	Nuclear medicine to image applied pathophysiology: evaluation of reserves by emission computerized tomography. 1990 , 16, 129-35		11
1095	Inverted T waves. An electrocardiographic marker of stunned or hibernating myocardium in man?. 1990 , 82, 1060-1		21
1094	Reversible segmental cardiac dysfunction. 1990 , 82, 1883		
1093	Myocardial hibernation in the ischemic neonatal heart. 1990 , 66, 763-72		59
1092	Myocardial hibernation and "embalmment". American Heart Journal, 1990, 119, 706-8	4.9	24
1091	Significance of collateral circulation in reversible left ventricular asynergy by nitroglycerin in patients with relatively recent myocardial infarction. <i>American Heart Journal</i> , 1990 , 120, 521-8	4.9	21
1090	Late reversibility: a viability issue. 1990 , 15, 341-4		10
1089	Prevalence of and variables associated with silent myocardial ischemia on exercise thallium-201 stress testing. 1990 , 16, 115-23		45
1088	Postsystolic shortening as an index of regional myocardial ischemia in an experimental model. 1991 , 5, 546-50		10
1087	Cross-sectional echocardiography: a window on congestive heart failure in the elderly. 1991 , 3, 257-62		3

(1991-1991)

1086	Low-dose dobutamine in patients with acute myocardial infarction identifies viable but not contractile myocardium and predicts the magnitude of improvement in wall motion abnormalities in response to coronary revascularization. <i>American Heart Journal</i> , 1991 , 122, 1522-31	4.9	224
1085	Functional recovery of hibernating myocardium after coronary bypass surgery: does it coincide with improvement in perfusion?. <i>American Heart Journal</i> , 1991 , 122, 665-70	4.9	49
1084	Risk stratification in survivors of acute myocardial infarction: routine cardiac catheterization and angiography is a reasonable approach in most patients. <i>American Heart Journal</i> , 1991 , 121, 641-56	4.9	50
1083	Thallium 201 for assessment of myocardial viability. 1991 , 21, 230-41		61
1082	Effect of graded reductions of coronary pressure and flow on myocardial metabolism and performance: a model of "hibernating" myocardium. 1991 , 17, 1661-70		26
1081	Metabolic and functional recovery of ischemic human myocardium after coronary angioplasty. 1991 , 18, 966-78		144
1080	A possible molecular mechanism for 'stunning' of the myocardium. 1991 , 12 Suppl F, 25-9		10
1079	Detection of myocardial viability in stunned or hibernating myocardium by delayed emptying on radionuclide ventriculography. 1991 , 67, 529-32		9
1078	Improvement of left ventricular aneurysm after myocardial infarction: report of three cases. 1991 , 14, 355-60		4
1077	Identification of ischemic and hibernating myocardium: feasibility of post-exercise F-18 deoxyglucose positron emission tomography. 1991 , 22, 100-6		14
1076	Early postoperative myocardial morbidity in patients with coronary artery disease undergoing major non-cardiac surgery: correlation with perioperative ischaemia. 1991 , 38, 1012-22		6
1075	The relationship between regional blood flow and contractile function in normal, ischemic, and reperfused myocardium. 1991 , 86, 197-218		44
1074	Stunning of the myocardium: an update. 1991 , 5, 849-51		13
1073	Clinical relevance of myocardial "stunning". 1991 , 5, 877-90		30
1072	Hibernation and stunning of the myocardium. 1991 , 325, 1877-9		57
1071	Response to myocardial ischemia as a regulated process. 1991 , 84, 2580-7		51
1070	Reversible cardiac dysfunction (hibernation) from ischemia due to compression of the coronary arteries by a pseudoaneurysm. 1991 , 325, 1858-61		26
1069	Revascularization of infarcted myocardium. Effect on myocardial perfusion assessed with quantified Tl-201 SPECT technique. 1991 , 25, 89-95		2

1068 .

1067	Stunned and hibernating myocardium. 1991 , 42, 1-8	18
1066	Myocardial perfusion-contraction matching. Implications for coronary heart disease and hibernation. 1991 , 83, 1076-83	352
1065	Comparison of 99mTc-teboroxime with thallium for myocardial imaging in the presence of a coronary artery stenosis. 1991 , 84, 1796-807	33
1064	Myocardial stunning and hibernation. The physiology behind the colloquialisms. 1991 , 83, 681-8	139
1063	Identification of viable myocardium in patients with chronic coronary artery disease and left ventricular dysfunction. Comparison of thallium scintigraphy with reinjection and PET imaging with 18F-fluorodeoxyglucose. 1991 , 83, 26-37	506
1062	Myocardial viability in patients with Q wave myocardial infarction and no residual ischemia. 1992 , 86, 47-55	330
1061	Acute hibernation and reperfusion of the ischemic heart. 1992 , 85, 699-707	24
1060	Positron emission tomography detects metabolic viability in myocardium with persistent 24-hour single-photon emission computed tomography 201Tl defects. 1992 , 86, 1357-69	62
1059	Regional left ventricular wall thickening. Relation to regional uptake of 18fluorodeoxyglucose and 201Tl in patients with chronic coronary artery disease and left ventricular dysfunction. 1992 , 86, 1125-37	110
1058	Myocardial 'stunning' in man. 1992 , 86, 1671-91	454
1057	Recruitment of an inotropic reserve in moderately ischemic myocardium at the expense of metabolic recovery. A model of short-term hibernation. 1992 , 70, 1282-95	214
1056	Effect of completeness of revascularization on long-term outcome of patients with three-vessel disease undergoing coronary artery bypass surgery. A report from the Coronary Artery Surgery Study (CASS) Registry. 1992 , 86, 446-57	275
1055	Metabolic responses of hibernating and infarcted myocardium to revascularization. A follow-up study of regional perfusion, function, and metabolism. 1992 , 85, 1347-53	153
1054	Response of high-energy phosphates and lactate release during prolonged regional ischemia in vivo. 1992 , 85, 342-9	38
1053	The molecular basis for the use of calcium antagonists in ischaemic heart disease. 1992 , 43 Suppl 1, 21-7	9
1052	Metabolic evidence of viable myocardium in regions with reduced wall thickness and absent wall thickening in patients with chronic ischemic left ventricular dysfunction. 1992 , 20, 161-8	86
1051	Myocardial hibernation identified by hyperbaric oxygen treatment and echocardiography in postinfarction patients: comparison with exercise thallium scintigraphy. <i>American Heart Journal</i> , 4.9 1992 , 124, 1151-8	21

1050	Reperfusion of hibernating myocardium: contractile function, high-energy phosphate content, and myocyte injury after 3 hours of sublethal ischemia and 3 hours of reperfusion in the canine model. 4.9 American Heart Journal, 1992 , 123, 575-88	23	
1049	Effects of catecholamine stimulation on myocardial hibernation. <i>American Heart Journal</i> , 1992 , 123, 589- <mark>Ջ.6</mark>	5	
1048	Progressive changes in ventricular structure and function during the year after acute myocardial infarction. <i>American Heart Journal</i> , 1992 , 124, 24-31	21	
1047	Calcium channels and their involvement in cardiovascular disease. 1992 , 43, 39-46	19	
1046	Metabolic and cardiodynamic responses of isolated turtle hearts to ischemia and reperfusion. 1992 , 262, R437-43	11	
1045	Ambulatory Electrocardiography Evaluation of the Post-Coronary Artery Bypass Graft and Post-Percutaneous Transluminal Coronary Angioplasty Patient. 1992 , 10, 431-448	1	
1044	Hibernating myocardium: a historical perspective. 1992 , 6, 267-71	14	
1043	Recovery of myocardial function in the hibernating heart. 1992 , 6, 281-5	2	
1042	Hibernating myocardium in patients with coronary artery disease: identification and clinical importance. 1992 , 6, 287-93	10	
1041	Thallium-201 single photon emission tomography of myocardium: additional information in reinjection studies is dependent on collateral circulation. 1992 , 19, 790-5	5	
1040	Assessing viable myocardium with thallium-201. 1992 , 70, 10E-17E	20	
1039	Myocardial thallium-201 scintigraphy for assessment of viability in patients with severe left ventricular dysfunction. 1992 , 70, 18E-22E	16	
1038	Effect on global and regional left ventricular functions by percutaneous transluminal coronary angioplasty in the chronic stage after myocardial infarction. 1992 , 69, 997-1002	20	
1037	Predischarge exercise echocardiography in patients with unstable angina who respond to medical treatment. 1992 , 15, 417-23	17	
1036	Clinical and experimental aspects of myocardial stunning. 1992 , 35, 61-76	11	
1035	Diastolic heart failure. 1992 , 17, 781-868	21	
1034	Responses of myocardial high energy phosphates and wall thickening to prolonged regional hypoperfusion induced by subtotal coronary stenosis. 1993 , 30, 28-37	16	
1033	Prospective evaluation of thallium-201 reinjection in single-vessel coronary patients undergoing coronary bypass surgery. 1993 , 20, 213-8	3	

1032	Rest-injected thallium-201 redistribution and resting technetium-99m methoxyisobutylisonitrile uptake in coronary artery disease: relation to the severity of coronary artery stenosis. 1993 , 20, 502-10	15
1031	Myocardial viability: what do we need?. 1993 , 20, 792-803	15
1030	Assessment of viability after myocardial infarction. Clinical relevance and methodological problems. 1993 , 9 Suppl 1, 3-10	4
1029	Echocardiographic assessment of myocardial viability: clinical applications and future directions. 1993 , 9 Suppl 2, 69-73	
1028	Modulation of ischemia by regulation of the ATP-sensitive potassium channel. 1993 , 7 Suppl 3, 507-13	19
1027	Long-term effect of inducible silent ischaemia on left ventricular systolic function. 1993 , 9, 291-6	1
1026	The role of heart rate in myocardial ischemia and infarction: implications of myocardial perfusion-contraction matching. 1993 , 36, 61-74	56
1025	Left ventricular function after coronary artery reperfusion. 1993 , 72, 91G-97G	4
1024	Detection of viable tissue in healed infarcted myocardium by dipyridamole thallium-201 reinjection and regional wall motion studies. 1993 , 71, 401-4	3
1023	Regional myocardial blood flow in stable angina pectoris associated with isolated significant narrowing of either the left anterior descending or left circumflex coronary artery. 1993 , 72, 990-4	35
1022	New directions in myocardial perfusion imaging. 1993 , 16, 86-94	9
1021	Low-dose dobutamine stress test for the evaluation of cardiac function using ultrafast computed tomography. 1993 , 16, 473-9	7
1020	The noninvasive assessment of myocardial viability. 1993 , 16, 531-8	18
1019	Silent ischemia and loss of reversible myocardial dysfunction following myocardial infarction. 1993 , 16, 654-9	6
1018	A comparison of rest sestamibi and rest-redistribution thallium single photon emission tomography: possible implications for myocardial viability detection in infarcted patients. 1993 , 20, 26-31	28
1017	Transesophageal echocardiographic evaluation of left ventricular function during intraaortic balloon pump counterpulsation. 1993 , 6, 490-5	7
1016	Unstable angina *1REPORT OF A MEETING OF PHYSICIANS AND SCIENTISTS, UNIVERSITY COLLEGE LONDON MEDICAL SCHOOL. 1993 , 341, 1323-1327	
1015	Resting thallium-201 scintigraphy for identifying viable myocardium in a patient with severe left ventricular dysfunction. 1993 , 68, 63-7	1

1014 Sequential teboroxime imaging during and after balloon occlusion of a coronary artery. 1993, 21, 1319-27 11 1013 Reperfusion injury, stunning and myocardial viability. 1993, 23, 756-9 Potential benefits of late reperfusion of infarcted myocardium. The open artery hypothesis. 1993, 1012 226 88, 2426-36 Pathophysiology and mediators of ischemia-reperfusion injury with special reference to cardiac 1011 39 surgery. A review. 1993, 41, 1-18 1010 Myocardial damage during ischaemia and reperfusion. 1993, 14 Suppl G, 25-30 43 Dobutamine stress echocardiography identifies hibernating myocardium and predicts recovery of 417 left ventricular function after coronary revascularization. 1993, 88, 430-6 Mechanisms of chronic regional postischemic dysfunction in humans. New insights from the study 568 of noninfarcted collateral-dependent myocardium. 1993, 87, 1513-23 1007 Medical advances in the treatment of congestive heart failure. 1993, 88, 2941-52 81 1006 Dysfunction in collateral-dependent myocardium. Hibernation or repetitive stunning?. 1993, 87, 1756-8 23 Regional blood flow, oxidative metabolism, and glucose utilization in patients with recent 1005 83 myocardial infarction. 1993, 88, 884-95 Quantitative planar rest-redistribution 201Tl imaging in detection of myocardial viability and prediction of improvement in left ventricular function after coronary bypass surgery in patients 399 with severely depressed left ventricular function. 1993, 87, 1630-41 Development of short-term myocardial hibernation. Its limitation by the severity of ischemia and 1003 239 inotropic stimulation. **1993**, 88, 684-95 Significant coronary restenosis limits the recovery of regional left myocardial dysfunction achieved 1002 4 after successful coronary angioplasty. 1993, 14, 866-75 1001 Regional wall motion abnormalities in stunned and hibernating myocardium. 1993, 14 Suppl A, 8-13 223 Prognostic value of the dipyridamole echocardiography test performed early after aortocoronary 1000 3 bypass surgery. **1993**, 10, 107-12 Myocardial Viability. **1994**, 12, 317-332 999 Recovery from left ventricular asynergy in ischemic cardiomyopathy following long-term beta 998 13 blockade treatment. 1994, 85, 14-22 Exercise-induced ST-segment depression in patients without restenosis after coronary angioplasty. 25 997 Relation to preprocedural impaired left ventricular function. 1994, 90, 148-55

996	Long-term function in the remote region after myocardial infarction: importance of significant coronary stenoses in the non-infarct-related artery. 1994 , 71, 249-53	2
995	Relation of regional function, perfusion, and metabolism in patients with advanced coronary artery disease undergoing surgical revascularization. 1994 , 90, 2356-66	160
994	Dobutamine stress echocardiography. 1994 , 89, 1446-7	
993	Redistribution of 99mTc-sestamibi and 201Tl in the presence of a severe coronary artery stenosis. 1994 , 89, 2332-41	51
992	Histological alterations in chronically hypoperfused myocardium. Correlation with PET findings. 1994 , 90, 735-45	239
991	Surgical treatment of left ventricular aneurysmassessment of risk factors for early and late mortality. 1994 , 8, 67-73	12
990	Can technetium 99m-labeled sestamibi track myocardial viability?. 1994 , 1, 571-5	8
989	Viable but noncontractile myocardium: the clinical problem. 1994 , 1, S31-3	1
988	Current status of viability assessment with positron tomography. 1994 , 1, S40-7	10
987	Application of nuclear cardiology to the diagnosis of stunned and hibernating myocardium. 1994 , 1, 490-1	1
986	Viability as seen with radiolabelled fatty acids hew approach to a challenging problem. 1994 , 21, 279	
985	Hibernating, stunning and ischemic preconditioning of the myocardium: therapeutic implications. 1994 , 72, 731-6	2
984	Viability as seen with radiolabelled fatty acidsa new approach to a challenging problem. 1994 , 21, 279-82	5
983	Is oxygen supply sufficient to induce normoxic conditions in isolated rat heart?. 1994 , 89, 535-44	8
982	Left ventricular function and prognosis after myocardial infarction: rationale for therapeutic strategies. 1994 , 8 Suppl 2, 319-25	7
981	Left ventricular dysfunction due to stunning and hibernation in patients. 1994 , 8 Suppl 2, 371-80	26
980	Protection of atrial function in hypoxia by high potassium concentration. 1994 , 25, 401-7	6
979	Value of metabolic imaging with positron emission tomography for evaluating prognosis in patients with coronary artery disease and left ventricular dysfunction. 1994 , 73, 527-33	417

978	Effects of nitroglycerin by technetium-99m sestamibi tomoscintigraphy on resting regional myocardial hypoperfusion in stable patients with healed myocardial infarction. 1994 , 74, 843-8	41
977	Resting and action potentials of nonischemic and chronically ischemic human ventricular muscle. 1994 , 5, 659-71	19
976	Myocardium at risk and infarct size after thrombolytic therapy for acute myocardial infarction: implications for the design of randomized trials of acute intervention. 1994 , 24, 616-23	72
975	Rest technetium-99m sestamibi tomography in combination with short-term administration of nitrates: feasibility and reliability for prediction of postrevascularization outcome of asynergic territories. 1994 , 24, 1282-9	97
974	Assessment of viable myocardium by dobutamine transesophageal echocardiography and comparison with fluorine-18 fluorodeoxyglucose positron emission tomography. 1994 , 24, 343-53	104
973	Gated technetium-99m sestamibi for simultaneous assessment of stress myocardial perfusion, postexercise regional ventricular function and myocardial viability. Correlation with echocardiography and rest thallium-201 scintigraphy. 1994 , 23, 1107-14	199
972	Myocardial viability in asynergic regions subtended by occluded coronary arteries: relation to the status of collateral flow in patients with chronic coronary artery disease. 1994 , 23, 860-8	51
971	Beneficial effects of metoprolol in heart failure associated with coronary artery disease: a randomized trial. 1994 , 23, 943-50	161
970	Echocardiography during infusion of dobutamine for identification of reversibly dysfunction in patients with chronic coronary artery disease. 1994 , 23, 617-26	314
969	Prolonged wall motion abnormalities after chest pain at rest in patients with unstable angina: a possible manifestation of myocardial stunning. <i>American Heart Journal</i> , 1994 , 127, 1241-50 4.9	59
968	Use of sequential teboroxime imaging for the detection of coronary artery occlusion and reperfusion in ischemic and infarcted myocardium. <i>American Heart Journal</i> , 1994 , 127, 779-85	4
967	Dobutamine echocardiography and resting-redistribution thallium-201 scintigraphy predicts recovery of hibernating myocardium after coronary revascularization. <i>American Heart Journal</i> , 1994 , 128, 864-9	103
966	Left ventricular motion after bypass operation for coronary artery disease with collaterals. 1994 , 58, 795-8	3
965	The detection of residual ischemia and stenosis in patients with acute myocardial infarction with dobutamine stress echocardiography. 1994 , 7, 242-52	31
964	Spontaneous delayed recovery of perfusion and contraction after the first 5 weeks after anterior infarction. Evidence for the presence of hibernating myocardium in the infarcted area. 1994 , 90, 1386-97	112
963	Does interstitial adenosine mediate acute hibernation of guinea pig myocardium?. 1995 , 29, 796-804	10
962	Dobutamine-induced ST-segment elevation in patients with healed myocardial infarction. A marker of myocardial viability. 1995 , 28, 91-7	7
961	Dobutamine stress echocardiography predicts early wall motion improvement after elective percutaneous transluminal coronary angioplasty. 1995 , 76, 652-6	9

960	Dobutamine echocardiography in predicting improvement in global left ventricular systolic function after coronary bypass or angioplasty in patients with healed myocardial infarcts. 1995 , 76, 877-80	55
959	The hibernating myocardium: implications for management of congestive heart failure. 1995 , 75, 17A-25A	77
958	Angiotensin-converting enzyme inhibitors and calcium antagonists after acute myocardial infarction. 1995 , 75, 4E-9E	7
957	From coronary artery disease to heart failure: role of the hibernating myocardium. 1995 , 75, 16E-22E	62
956	Clinical and therapeutic implications of chronic left ventricular dysfunction in coronary artery disease. 1995 , 75, 23E-30E	16
955	Effects of nisoldipine in silent myocardial ischemia after healing of acute myocardial infarction. 1995 , 75, 54E-60E	1
954	Calcium antagonists and left ventricular dysfunction. 1995 , 75, 71E-76E	7
953	Impairment of regional fatty acid uptake in relation to wall motion and thallium-201 uptake in ischaemic but viable myocardium: assessment with iodine-123-labelled beta-methyl-branched fatty acid. 1995 , 22, 1385-92	25
952	Is planar thallium-201/fluorine-18 fluorodeoxyglucose imaging a reasonable clinical alternative to positron emission tomographic myocardial viability scanning?. 1995 , 22, 625-32	13
951	Transmyocardial revascularization. 1995 , 10, 83-91	1
95 ¹	Transmyocardial revascularization. 1995 , 10, 83-91 Ubiquity of myocardial stunning. 1995 , 90, 253-6	5
950	Ubiquity of myocardial stunning. 1995 , 90, 253-6 Regional myocardial blood flow, glucose utilization and contractile function before and after revascularization and ultrastructural findings in patients with chronic coronary artery disease. 1995 ,	5
950 949	Ubiquity of myocardial stunning. 1995 , 90, 253-6 Regional myocardial blood flow, glucose utilization and contractile function before and after revascularization and ultrastructural findings in patients with chronic coronary artery disease. 1995 , 22, 1299-305 Regional concordance and discordance between rest thallium 201 and sestamibi imaging for	5 23
950 949 948	Ubiquity of myocardial stunning. 1995, 90, 253-6 Regional myocardial blood flow, glucose utilization and contractile function before and after revascularization and ultrastructural findings in patients with chronic coronary artery disease. 1995, 22, 1299-305 Regional concordance and discordance between rest thallium 201 and sestamibi imaging for assessing tissue viability: comparison with postrevascularization functional recovery. 1995, 2, 309-16 Reversible ischemia in severe stress technetium 99m-labeled sestamibi perfusion defects assessed	5 23 23
950 949 948 947	Ubiquity of myocardial stunning. 1995, 90, 253-6 Regional myocardial blood flow, glucose utilization and contractile function before and after revascularization and ultrastructural findings in patients with chronic coronary artery disease. 1995, 22, 1299-305 Regional concordance and discordance between rest thallium 201 and sestamibi imaging for assessing tissue viability: comparison with postrevascularization functional recovery. 1995, 2, 309-16 Reversible ischemia in severe stress technetium 99m-labeled sestamibi perfusion defects assessed from gated single-photon emission computed tomographic polar map Fourier analysis. 1995, 2, 199-206	5 23 23
950 949 948 947 946	Ubiquity of myocardial stunning. 1995, 90, 253-6 Regional myocardial blood flow, glucose utilization and contractile function before and after revascularization and ultrastructural findings in patients with chronic coronary artery disease. 1995, 22, 1299-305 Regional concordance and discordance between rest thallium 201 and sestamibi imaging for assessing tissue viability: comparison with postrevascularization functional recovery. 1995, 2, 309-16 Reversible ischemia in severe stress technetium 99m-labeled sestamibi perfusion defects assessed from gated single-photon emission computed tomographic polar map Fourier analysis. 1995, 2, 199-206 Nitrate-augmented myocardial imaging for assessment of myocardial viability. 1995, 2, 352-7	5 23 23 15 18

(1996-1995)

942	Changes in wall motion in patients treated for unstable angina. A suggestion of the stunned and hibernating myocardium in humans. UNASEM Collaborative Study Group. Unstable Angina Study Using Eminase. 1995 , 108, 903-11		4
941	Characterization of hibernating and stunned myocardium. 1995 , 16 Suppl J, 19-25		14
940	Chronic ischemic viable myocardium in man: Aspects of dedifferentiation. 1995 , 4, 29-37		83
939	Detection of viability after myocardial infarction: available techniques and clinical relevancea review. 1995 , 51, 253-66		10
938	Salutary effects of myocardial ischemia in coronary artery disease. 1995 , 52, 197-202		2
937	Segmental analysis of resting echocardiographic function and stress scintigraphic perfusion: implications for myocardial viability. <i>American Heart Journal</i> , 1995 , 129, 7-14	4.9	2
936	Incomplete, delayed functional recovery late after reperfusion following acute myocardial infarction: "maimed myocardium". <i>American Heart Journal</i> , 1995 , 130, 922-32	4.9	16
935	Identification of hibernating myocardium by dobutamine stress echocardiography: comparison with thallium-201 reinjection imaging. <i>American Heart Journal</i> , 1995 , 130, 553-63	4.9	78
934	Molecular changes of titin in left ventricular dysfunction as a result of chronic hibernation. 1995 , 27, 1203-12		36
933	Particular outcomes of myocardial ischaemia: stunning and hibernation. 1995 , 31, 235-41		1
933	IschEnie myocardique et anesthBie. 1995 , 14, 176-197		3
	IschEhie myocardique et anesthBie. 1995 , 14, 176-197 Myocyte degeneration and cell death in hibernating human myocardium. 1996 , 27, 1577-85		
932	Ischine myocardique et anesthie. 1995 , 14, 176-197 Myocyte degeneration and cell death in hibernating human myocardium. 1996 , 27, 1577-85 "Hibernating" myocardium: asleep or part dead?. 1996 , 28, 530-5		3
932 931 930 929	Ischfhie myocardique et anesthBie. 1995 , 14, 176-197 Myocyte degeneration and cell death in hibernating human myocardium. 1996 , 27, 1577-85 "Hibernating" myocardium: asleep or part dead?. 1996 , 28, 530-5 Inotropic stimulation by dobutamine increases left ventricular regional function at the expense of metabolism in hibernating myocardium. <i>American Heart Journal</i> , 1996 , 132, 542-9	4.9	3 119 42 33
932 931 930 929 928	Ischfhie myocardique et anesthBie. 1995 , 14, 176-197 Myocyte degeneration and cell death in hibernating human myocardium. 1996 , 27, 1577-85 "Hibernating" myocardium: asleep or part dead?. 1996 , 28, 530-5 Inotropic stimulation by dobutamine increases left ventricular regional function at the expense of	4.9	3 119 42 33 27
932 931 930 929 928	Ischibie myocardique et anesthibie. 1995, 14, 176-197 Myocyte degeneration and cell death in hibernating human myocardium. 1996, 27, 1577-85 "Hibernating" myocardium: asleep or part dead?. 1996, 28, 530-5 Inotropic stimulation by dobutamine increases left ventricular regional function at the expense of metabolism in hibernating myocardium. American Heart Journal, 1996, 132, 542-9 Myocardial viability: methods of assessment and clinical relevance. American Heart Journal, 1996, 132, 1226-35 Delineation of myocardial stunning and hibernation by positron emission tomography in advanced coronary artery disease. American Heart Journal, 1996, 131, 440-50		3 119 42 33
932 931 930 929 928	Ischfinie myocardique et anesthBie. 1995, 14, 176-197 Myocyte degeneration and cell death in hibernating human myocardium. 1996, 27, 1577-85 "Hibernating" myocardium: asleep or part dead?. 1996, 28, 530-5 Inotropic stimulation by dobutamine increases left ventricular regional function at the expense of metabolism in hibernating myocardium. American Heart Journal, 1996, 132, 542-9 Myocardial viability: methods of assessment and clinical relevance. American Heart Journal, 1996, 132, 1226-35 Delineation of myocardial stunning and hibernation by positron emission tomography in advanced	4.9	3 119 42 33 27

924	Recovery of regional left ventricular dysfunction after coronary revascularization. Impact of myocardial viability assessed by nuclear imaging and vessel patency at follow-up angiography. 1996 , 28, 948-58	80
923	Course of impaired left ventricular function after acute myocardial infarction predicted with planar thallium-201 chloride and F18-fluorodeoxyglucose imaging. 1996 , 57, 271-81	1
922	Effects of nitroglycerin infusion on segmental wall motion abnormalities after anesthetic induction. 1996 , 10, 734-40	3
921	Myocardial stunning, hibernation, and ischemic preconditioning. 1996 , 10, 789-99	17
920	The clinical impact of thallium-201 reinjection for the detection of myocardial hibernation. 1996 , 23, 407-13	12
919	Age and gender differences in left ventricular function among patients with stable angina and a matched control group. A report from the Angina Prognosis Study in Stockholm. 1996 , 87, 287-93	7
918	Angina and left ventricular dysfunction. 1996 , 17 Suppl G, 2-7	2
917	Myocardial hibernation: adaptation to ischaemia. 1996 , 17, 824-8	7
916	Exercise beta-methyl iodophenyl acid (BMIPP) and resting thalium delayed single photon emission computed tomography (SPECT) in the assessment of ischemia and viability. 1996 , 60, 17-26	7
915	Clinical importance of viability assessment in chronic ischemic heart failure. 1996 , 19, 367-9	3
914	The use of dobutamine stress echocardiography for the determination of myocardial viability. 1996 , 19, 607-12	8
913	Paramagnetic metalloporphyrins: infarct avid contrast agents for diagnosis of acute myocardial infarction by MRI. 1996 , 6, 2-8	89
912	Analysis of microvascular integrity, contractile reserve, and myocardial viability after acute myocardial infarction by dobutamine echocardiography and myocardial contrast echocardiography. 1996 , 77, 441-5	82
911	Regional cardiac sympathetic nerve dysfunction and the diagnostic efficacy of metaiodobenzylguanidine tomography in stable coronary artery disease. 1996 , 78, 292-7	31
910	Comparison of dobutamine transesophageal echocardiography and dobutamine magnetic resonance imaging for detection of residual myocardial viability. 1996 , 78, 415-9	75
909	Stress echocardiography for the assessment of myocardial ischemia and viability. 1996 , 21, 445-520	15
908	Myocardial viability. 1996 , 21, 147-221	13
907	Fluorine 18-labeled fluorodeoxyglucose myocardial single-photon emission computed tomography: an alternative for determining myocardial viability. 1996 , 3, 342-9	30

906	Inotropic reserve and histological appearance of hibernating myocardium in conscious pigs with ameroid-induced coronary stenosis. 1996 , 91, 479-85	23
905	Role of myocardial viability in the improvement of cardiac function after revascularization. 1996 , 1, 105-113	
904	Tachycardiomyopathy: mechanisms and clinical implications. 1996 , 19, 95-106	168
903	The Contribution of the Left Atrioventricular Plane Displacement During Low Dose Dobutamine Stress Echocardiography in Predicting Recovery of Left Ventricular Dyssynergies. 1996 , 13, 587-598	5
902	The incidence of scintigraphically viable and nonviable tissue by rubidium-82 and fluorine-18-fluorodeoxyglucose positron emission tomographic imaging in patients with prior infarction and left ventricular dysfunction. 1996 , 3, 96-104	23
901	Detection of coronary artery disease: comparison between technetium 99m-labeled sestamibi single-photon emission computed tomography and two-dimensional echocardiography with dipyridamole low-level exercise-stress. 1996 , 3, 389-94	8
900	Stress radionuclide studies after acute myocardial infarction: changes with revascularization. 1996 , 3, 403-9	3
899	Cardioprotection: definition, classification, and fundamental principles. 1996 , 75, 330-3	25
898	Detection of myocardial viability in the prediction of improvement in left ventricular function after successful coronary revascularization by using the dobutamine stress echocardiography and quantitative SPECT rest-redistribution-reinjection 201TI imaging after dipyridamole infusion. 1996 , 47, 1039-46	14
897	Yearbook of Intensive Care and Emergency Medicine. 1996 ,	1
896	Comparison of dobutamine stress echocardiography with dipyridamole stress echocardiography for detection of viable myocardium after myocardial infarction treated with thrombolysis. 1996 , 75, 240-6	30
895	Stress echocardiography for assessing myocardial ischaemia and viable myocardium. 1997 , 78 Suppl 1, 12-8	9
894	Ischemic cardiomyopathyrevascularization vs. transplantation. 1997, 11 Suppl, S1-4	6
893	Comparison Between Neural-Network-Based Adaptive Filtering and Wavelet Transform for ECG Characteristic Points Detection. 1997 ,	
892	Myocardial hibernation. A form of endogenous protection?. 1997 , 18 Suppl A, A2-7	10
891	Myocardial viability. Stress echocardiography vs nuclear medicine. 1997 , 18 Suppl D, D117-23	9
890	FDG SPECT in the assessment of myocardial viability. Comparison with dobutamine echo. 1997 , 18 Suppl D, D124-9	7
889	Characterization of hibernating and stunned myocardium. 1997 , 18 Suppl D, D102-10	33

888	Detection of myocardial viability using stress echocardiography. 1997 , 18 Suppl D, D111-6	10
887	Stress echocardiography using adenosine combined with nitroglycerin-dobutamine in the detection of viable myocardium in patients with previous myocardial infarction. 1997 , 48, 127-33	5
886	Radionuclide developments. 1997 , 70 Spec No, S133-44	3
885	The treatment of heart failure. Task Force of the Working Group on Heart Failure of the European Society of Cardiology. 1997 , 18, 736-53	296
884	Severe myocardial dysfunction and coronary revascularization. 1997, 61, 850-4	3
883	Evaluation of myocardial viability using sequential dual-isotope single photon emission tomography imaging with rest TI-201/stress Tc-99m tetrofosmin in the prediction of wall motion recovery after revascularization. 1997 , 61, 481-7	2
882	Diagnostic value of R wave amplitude changes in coronary artery disease.	
881	[Role of noninvasive examinations in the management of ischemic heart disease. III. Assessment of myocardial viability]. 1997 , 50, 75-82	5
880	Valoracifi de la viabilidad miocfidica mediante tecnecio-99m isonitrilo y talio-201. Resultados del protocolo multicfitrico espa fi l. 1997 , 50, 320-330	14
879	Assessing hibernating myocardium: an emerging cost-effectiveness issue. 1997 , 24, 1337-41	2
878	Radionuclide tracers in the evaluation of resting myocardial ischaemia and viability. 1997 , 24, 1183-93	17
877	Nitrate administration to enhance the detection of myocardial viability by technetium-99m tetrofosmin single-photon emission tomography. 1997 , 24, 767-73	24
876	[The significance of the elevation of basal and exercise segments on Q-leads after acute myocardial infarct]. 1997 , 50, 337-44	1
875	Influence of left ventricular function on survival after coronary artery bypass grafting. 1997 , 64, 437-44	31
874	Identification of hibernating myocardium: comparative accuracy of myocardial contrast echocardiography, rest-redistribution thallium-201 tomography and dobutamine echocardiography. 1997 , 29, 985-93	142
873	Prediction of improvement of contractile function in patients with ischemic ventricular dysfunction after revascularization by fluorine-18 fluorodeoxyglucose single-photon emission computed tomography. 1997 , 30, 377-83	69
872	Comparison of baseline-nitrate technetium-99m sestamibi with rest-redistribution thallium-201 tomography in detecting viable hibernating myocardium and predicting postrevascularization recovery. 1997 , 30, 384-91	91
871	Assessment of myocardial viability in patients with previous myocardial infarction by using single-photon emission computed tomography with a new metabolic tracer: [123I]-16-iodo-3-methylhexadecanoic acid (MIHA). Comparison with the rest-reinjection	12

870	Myocardial cell death and apoptosis in hibernating myocardium. 1997 , 30, 1407-12	87
869	Accuracy of currently available techniques for prediction of functional recovery after revascularization in patients with left ventricular dysfunction due to chronic coronary artery disease: comparison of pooled data. 1997 , 30, 1451-60	417
868	Preoperative positron emission tomographic viability assessment and perioperative and postoperative risk in patients with advanced ischemic heart disease. 1997 , 30, 1693-700	201
867	Importance of diagnosing hibernating myocardium: how and in whom?. 1997 , 30, 1701-6	33
866	Dobutamine-atropine stress echocardiography for reversible dysfunction during the first week after acute myocardial infarction: limitations and determinants of accuracy. 1997 , 30, 1669-78	30
865	Assessment of viable myocardium and prediction of postoperative improvement in left ventricular function in patients with severe left ventricular dysfunction by quantitative planar stress-redistribution-reinjection 201-T1 imaging. 1997 , 58, 179-84	5
864	Can dobutamine echocardiography induce myocardial damage in patients with dysfunctional but viable myocardium supplied by a severely stenotic coronary artery?. 1997 , 61, 175-81	5
863	Targeting of dobutamine to ischemic myocardium without systemic effects by selective suction and pressure-regulated retroinfusion. 1997 , 35, 233-40	13
862	Echocardiography in anesthesia and intensive care medicine I. 1997 , 41, 267-278	
861	Post-ischaemic organ dysfunction: a review. 1997 , 14, 195-203	101
861 860	Post-ischaemic organ dysfunction: a review. 1997, 14, 195-203 Correlation of functional recovery with myocardial blood flow, glucose uptake, and morphologic features in patients with chronic left ventricular ischemic dysfunction undergoing coronary artery bypass grafting. 1997, 113, 371-8	101 38
	Correlation of functional recovery with myocardial blood flow, glucose uptake, and morphologic features in patients with chronic left ventricular ischemic dysfunction undergoing coronary artery	
860	Correlation of functional recovery with myocardial blood flow, glucose uptake, and morphologic features in patients with chronic left ventricular ischemic dysfunction undergoing coronary artery bypass grafting. 1997 , 113, 371-8	38
860 859	Correlation of functional recovery with myocardial blood flow, glucose uptake, and morphologic features in patients with chronic left ventricular ischemic dysfunction undergoing coronary artery bypass grafting. 1997, 113, 371-8 Evaluation of myocardial viability using stress echocardiography. 1997, 39, 555-66 Endogenous protective mechanisms in myocardial ischemia: hibernation and ischemic	38 10
860 859 858	Correlation of functional recovery with myocardial blood flow, glucose uptake, and morphologic features in patients with chronic left ventricular ischemic dysfunction undergoing coronary artery bypass grafting. 1997, 113, 371-8 Evaluation of myocardial viability using stress echocardiography. 1997, 39, 555-66 Endogenous protective mechanisms in myocardial ischemia: hibernation and ischemic preconditioning. 1997, 80, 26A-33A The magnitude of inotropic reserve is unrelated to basal systolic function or wall thickness in	38 10 11
860 859 858 857	Correlation of functional recovery with myocardial blood flow, glucose uptake, and morphologic features in patients with chronic left ventricular ischemic dysfunction undergoing coronary artery bypass grafting. 1997, 113, 371-8 Evaluation of myocardial viability using stress echocardiography. 1997, 39, 555-66 Endogenous protective mechanisms in myocardial ischemia: hibernation and ischemic preconditioning. 1997, 80, 26A-33A The magnitude of inotropic reserve is unrelated to basal systolic function or wall thickness in patients with chronic ischemic left ventricular dysfunction. 1997, 80, 783-6 Comparable uptake of thallium-201 and technetium-99m MIBI in hibernating and "maimed"	38 10 11
860 859 858 857 856	Correlation of functional recovery with myocardial blood flow, glucose uptake, and morphologic features in patients with chronic left ventricular ischemic dysfunction undergoing coronary artery bypass grafting. 1997, 113, 371-8 Evaluation of myocardial viability using stress echocardiography. 1997, 39, 555-66 Endogenous protective mechanisms in myocardial ischemia: hibernation and ischemic preconditioning. 1997, 80, 26A-33A The magnitude of inotropic reserve is unrelated to basal systolic function or wall thickness in patients with chronic ischemic left ventricular dysfunction. 1997, 80, 783-6 Comparable uptake of thallium-201 and technetium-99m MIBI in hibernating and "maimed" myocardium. 1997, 80, 940-3	38 10 11 1 6

Improved detection of viable myocardium with fluorodeoxyglucose-labeled single-photon emission computed tomography in a patient with hibernating myocardium; comparison with rest-redistribution thallium 201-labeled single-photon emission computed tomography, 1997, 4, 178-9 850 Prognostic value of persistent thallium-201 defects that become reversible after reinjection in patients with chronic myocardial infarction, 1997, 4, 195-201 849 F18-fluorodeoxyglucose single-photon emission computed tomography predicts functional outcome of dyssynergic myocardium after surgical revascularization, 1997, 4, 302-8 848 Echocardiography, 1998, 2, 207-233 848 Echocardiography, 1998, 2, 207-233 849 Fluorodeoxyglucose uptake in dysfunctional Myocardium in Coronary Heart Disease. II. 840 Fluorodeoxyglucose uptake in dysfunctional myocardium subtended by an occluded coronary artery, Relation to dobutamine contractile reserve and Sestamibi uptake, 1998, 14, 97-104 841 Fluorodeoxyglucose uptake in dysfunctional myocardium subtended by an occluded coronary artery, Relation to dobutamine contractile reserve and Sestamibi uptake, 1998, 14, 97-104 842 The extracellular energetics in ischemia-reperfusion and ischemic preconditioning of myocardium. 843 The extracellular matrix in hibernating myocardium - a significant factor causing structural defects and cardiac dysfunction. 1998, 186, 147-158 844 Hibernating myocardium: Its pathophysiology and clinical role, 1998, 186, 195-199 14 845 Human myocardial ATP content and in vivo contractile function. 1998, 180, 171-177 846 [Disorders of microcirculation in coronary heart disease]. 1998, 87 Suppl 2, 26-32 15 847 Ighthar term hibernating myocardium: circulation, function and metabolism in sustained regional myocardial ischemia]. 1998, 87 Suppl 2, 41-8 849 Are technetium-99m-labeled myocardial perfusion agents adequate for detection of myocardial viability?. 1998, 21, 235-42 849 Prognostic value of detection of myocardial viability using low-dose dobutamine echocardiography in i	852	The effects of coronary angioplasty on the global and regional left ventricular function in patients with angina pectoris after anterior myocardial infarction. 1997 , 6, 199-202	
patients with chronic myocardial infarction. 1997, 4, 195-201 849 F18-fluorodeoxyglucose single-photon emission computed tomography predicts functional outcome of dyssynergic myocardium after surgical revascularization. 1997, 4, 302-8 848 Echocardiography, 1998, 2, 207-233 849 Eluorodeoxyglucose uptake in dysfunctional Myocardium in Coronary Heart Disease. II. 840 Eluorodeoxyglucose uptake in dysfunctional myocardium subtended by an occluded coronary artery. Relation to dobutamine contractile reserve and Sestamibi uptake. 1998, 14, 97-104 841 Role of cellular energetics in ischemia-reperfusion and ischemic preconditioning of myocardium. 842 P1998, 184, 393-400 843 The extracellular matrix in hibernating myocardium - a significant factor causing structural defects and cardiac dysfunction. 1998, 186, 147-158 844 Hibernating myocardium: Its pathophysiology and clinical role. 1998, 186, 195-199 845 Human myocardial ATP content and in vivo contractile function. 1998, 180, 171-177 846 [Disorders of microcirculation in coronary heart disease]. 1998, 87 Suppl 2, 26-32 847 [Disorders of microcirculation in coronary heart disease]. 1998, 87 Suppl 2, 26-32 848 Are technetium-99m-labeled myocardial perfusion agents adequate for detection of myocardial viability?. 1998, 21, 235-42 849 Reduced contractile function characteristic of hibernating human heart is not mediated by phospholamban. 1998, 853, 270-2 840 Reduced contractile function characteristic of hibernating human heart is not mediated by phospholamban. 1998, 853, 270-2 841 P1998, 81, 17G-20G 842 P1998, 81, 17G-20G 843 P2998, 81, 17G-20G	851	computed tomography in a patient with hibernating myocardium: comparison with	4
Detection of Viability of Dysfunctional Myocardium in Coronary Heart Disease. II. Bethocardiography. 1998, 2, 207-233 Role of Cellular energetics in ischemia-reperfusion and ischemic preconditioning of myocardium. Role of Cellular energetics in ischemia-reperfusion and ischemic preconditioning of myocardium. Role of Cellular energetics in ischemia-reperfusion and ischemic preconditioning of myocardium. Page, 184, 393-400 Role of Cellular matrix in hibernating myocardium - a significant factor causing structural defects and cardiac dysfunction. 1998, 186, 147-158 Hibernating myocardium: Its pathophysiology and clinical role. 1998, 186, 195-199 Human myocardial ATP content and in vivo contractile function. 1998, 180, 171-177 Role of Cellular matrix in hibernating myocardium: a significant factor causing structural defects and cardiac dysfunction. 1998, 186, 147-158 Human myocardial ATP content and in vivo contractile function. 1998, 180, 171-177 Role of Cellular myocardial ATP content and in vivo contractile function. 1998, 180, 171-177 Role of Cellular myocardial incompact dischemial, 1998, 87 Suppl 2, 26-32 In Short-term hibernating myocardium: circulation, function and metabolism in sustained regional myocardial ischemial, 1998, 87 Suppl 2, 41-8 Role of Cellular myocardial incompact dischemial, 1998, 87 Suppl 2, 41-8 Role of Cellular myocardial incompact of echocardiography in prognostic stratification after acute myocardial infarction. Prognostic value of detection of myocardial viability using low-dose dobutamine echocardiography in infarcted patients. 1998, 81, 216-28G	850		4
Fluorodeoxyglucose uptake in dysfunctional myocardium subtended by an occluded coronary artery. Relation to dobutamine contractile reserve and Sestamibi uptake. 1998, 14, 97-104 Role of cellular energetics in ischemia-reperfusion and ischemic preconditioning of myocardium. 1998, 184, 393-400 The extracellular matrix in hibernating myocardium - a significant factor causing structural defects and cardiac dysfunction. 1998, 186, 147-158 Hibernating myocardium: lts pathophysiology and clinical role. 1998, 186, 195-199 14 Human myocardial ATP content and in vivo contractile function. 1998, 180, 171-177 83 Role [Disorders of microcirculation in coronary heart disease]. 1998, 87 Suppl 2, 26-32 1 [Short-term hibernating myocardium: circulation, function and metabolism in sustained regional myocardial ischemia]. 1998, 87 Suppl 2, 41-8 Are technetium-99m-labeled myocardial perfusion agents adequate for detection of myocardial viability?. 1998, 21, 235-42 Reduced contractile function characteristic of hibernating human heart is not mediated by phospholamban. 1998, 853, 270-2 Clinical impact of echocardiography in prognostic stratification after acute myocardial infarction. 1998, 81, 17G-20G Prognostic value of detection of myocardial viability using low-dose dobutamine echocardiography in infarcted patients. 1998, 81, 21G-28G	849		19
Role of cellular energetics in ischemia-reperfusion and ischemic preconditioning of myocardium. 1998, 184, 393-400 Role of cellular energetics in ischemia-reperfusion and ischemic preconditioning of myocardium. 1998, 184, 393-400 Role of cellular matrix in hibernating myocardium - a significant factor causing structural defects and cardiac dysfunction. 1998, 186, 147-158 Related Hibernating myocardium: Its pathophysiology and clinical role. 1998, 186, 195-199 14 Role of cellular matrix in hibernating myocardium - a significant factor causing structural defects and cardiac dysfunction. 1998, 186, 147-158 Related Hibernating myocardium: Its pathophysiology and clinical role. 1998, 186, 195-199 14 Role of cellular energetics in ischemia-reperfusion and causing structural defects and cardiac dysfunction. 1998, 87 Suppl 2, 24-18 Related Footnetiem Hibernating myocardium: circulation, function and metabolism in sustained regional myocardial ischemia]. 1998, 87 Suppl 2, 41-8 Reduced contractile function characteristic of hibernating human heart is not mediated by phospholamban. 1998, 853, 270-2 Reduced contractile function characteristic of hibernating human heart is not mediated by phospholamban. 1998, 853, 270-2 Clinical impact of echocardiography in prognostic stratification after acute myocardial infarction. 1998, 81, 17G-20G Prognostic value of detection of myocardial viability using low-dose dobutamine echocardiography in infarcted patients. 1998, 81, 21G-28G	848		4
1998, 184, 393-400 845 The extracellular matrix in hibernating myocardium - a significant factor causing structural defects and cardiac dysfunction. 1998, 186, 147-158 846 Hibernating myocardium: Its pathophysiology and clinical role. 1998, 186, 195-199 847 Human myocardial ATP content and in vivo contractile function. 1998, 180, 171-177 848 Human myocardial ATP content and in vivo contractile function. 1998, 180, 171-177 849 [Disorders of microcirculation in coronary heart disease]. 1998, 87 Suppl 2, 26-32 840 [Short-term hibernating myocardium: circulation, function and metabolism in sustained regional myocardial ischemia]. 1998, 87 Suppl 2, 41-8 840 Are technetium-99m-labeled myocardial perfusion agents adequate for detection of myocardial viability?. 1998, 21, 235-42 840 Reduced contractile function characteristic of hibernating human heart is not mediated by phospholamban. 1998, 853, 270-2 841 Clinical impact of echocardiography in prognostic stratification after acute myocardial infarction. 10 842 Prognostic value of detection of myocardial viability using low-dose dobutamine echocardiography in infarcted patients. 1998, 81, 21G-28G	847		3
and cardiac dysfunction. 1998, 186, 147-158 844 Hibernating myocardium: Its pathophysiology and clinical role. 1998, 186, 195-199 14 843 Human myocardial ATP content and in vivo contractile function. 1998, 180, 171-177 83 842 [Disorders of microcirculation in coronary heart disease]. 1998, 87 Suppl 2, 26-32 1 841 [Short-term hibernating myocardium: circulation, function and metabolism in sustained regional myocardial ischemia]. 1998, 87 Suppl 2, 41-8 840 Are technetium-99m-labeled myocardial perfusion agents adequate for detection of myocardial viability?. 1998, 21, 235-42 839 Reduced contractile function characteristic of hibernating human heart is not mediated by phospholamban. 1998, 853, 270-2 838 Clinical impact of echocardiography in prognostic stratification after acute myocardial infarction. 10 837 Prognostic value of detection of myocardial viability using low-dose dobutamine echocardiography in infarcted patients. 1998, 81, 21G-28G 41	846		20
Human myocardial ATP content and in vivo contractile function. 1998, 180, 171-177 83 [Disorders of microcirculation in coronary heart disease]. 1998, 87 Suppl 2, 26-32 1 [Short-term hibernating myocardium: circulation, function and metabolism in sustained regional myocardial ischemia]. 1998, 87 Suppl 2, 41-8 Are technetium-99m-labeled myocardial perfusion agents adequate for detection of myocardial viability?. 1998, 21, 235-42 18 Reduced contractile function characteristic of hibernating human heart is not mediated by phospholamban. 1998, 853, 270-2 6 Clinical impact of echocardiography in prognostic stratification after acute myocardial infarction. 10 Rognostic value of detection of myocardial viability using low-dose dobutamine echocardiography in infarcted patients. 1998, 81, 21G-28G 41	845		27
B42 [Disorders of microcirculation in coronary heart disease]. 1998, 87 Suppl 2, 26-32 1 841 [Short-term hibernating myocardium: circulation, function and metabolism in sustained regional myocardial ischemia]. 1998, 87 Suppl 2, 41-8 840 Are technetium-99m-labeled myocardial perfusion agents adequate for detection of myocardial viability?. 1998, 21, 235-42 839 Reduced contractile function characteristic of hibernating human heart is not mediated by phospholamban. 1998, 853, 270-2 838 Clinical impact of echocardiography in prognostic stratification after acute myocardial infarction. 10 837 Prognostic value of detection of myocardial viability using low-dose dobutamine echocardiography in infarcted patients. 1998, 81, 21G-28G	844	Hibernating myocardium: Its pathophysiology and clinical role. 1998 , 186, 195-199	14
S41 [Short-term hibernating myocardium: circulation, function and metabolism in sustained regional myocardial ischemia]. 1998, 87 Suppl 2, 41-8 840 Are technetium-99m-labeled myocardial perfusion agents adequate for detection of myocardial viability?. 1998, 21, 235-42 839 Reduced contractile function characteristic of hibernating human heart is not mediated by phospholamban. 1998, 853, 270-2 838 Clinical impact of echocardiography in prognostic stratification after acute myocardial infarction. 10 837 Prognostic value of detection of myocardial viability using low-dose dobutamine echocardiography in infarcted patients. 1998, 81, 21G-28G	843	Human myocardial ATP content and in vivo contractile function. 1998 , 180, 171-177	83
myocardial ischemia]. 1998, 87 Suppl 2, 41-8 Are technetium-99m-labeled myocardial perfusion agents adequate for detection of myocardial viability?. 1998, 21, 235-42 Reduced contractile function characteristic of hibernating human heart is not mediated by phospholamban. 1998, 853, 270-2 Clinical impact of echocardiography in prognostic stratification after acute myocardial infarction. 10 Prognostic value of detection of myocardial viability using low-dose dobutamine echocardiography in infarcted patients. 1998, 81, 21G-28G 41	842	[Disorders of microcirculation in coronary heart disease]. 1998 , 87 Suppl 2, 26-32	1
840 viability?. 1998, 21, 235-42 Reduced contractile function characteristic of hibernating human heart is not mediated by phospholamban. 1998, 853, 270-2 Clinical impact of echocardiography in prognostic stratification after acute myocardial infarction. 100 Prognostic value of detection of myocardial viability using low-dose dobutamine echocardiography in infarcted patients. 1998, 81, 21G-28G 41	841		
phospholamban. 1998, 853, 270-2 Clinical impact of echocardiography in prognostic stratification after acute myocardial infarction. 1998, 81, 17G-20G Prognostic value of detection of myocardial viability using low-dose dobutamine echocardiography in infarcted patients. 1998, 81, 21G-28G 41	840	· · · · · · · · · · · · · · · · · · ·	18
Prognostic value of detection of myocardial viability using low-dose dobutamine echocardiography in infarcted patients. 1998, 81, 21G-28G 10 837	839		6
⁸³⁷ in infarcted patients. 1998 , 81, 21G-28G	838		10
	837		41
836 Role of stress echocardiography in heart failure. 1998 , 81, 111G-114G 5	836	Role of stress echocardiography in heart failure. 1998 , 81, 111G-114G	5
Significance of exercise-induced ST-segment elevation and T-wave pseudonormalization for improvement of function in healed Q-wave myocardial infarction. 1998 , 82, 148-53	835		22

[1998-1998]

834	Metabolic changes in hibernating myocardium after percutaneous transluminal coronary angioplasty and the relation between recovery in left ventricular function and free fatty acid metabolism. 1998 , 82, 559-63	16
833	Metabolic derangement in ischemic heart disease and its therapeutic control. 1998 , 82, 2K-13K	35
832	Effect of percutaneous transluminal coronary angioplasty on exercise in patients with and without previous myocardial infarction. 1998 , 82, 1030-3	4
831	Thallium scintigraphy compared with 18F-fluorodeoxyglucose positron emission tomography for assessing myocardial viability in patients with moderate versus severe left ventricular dysfunction. 1998 , 82, 1001-7	21
830	Long-term survival of patients with coronary artery disease and left ventricular dysfunction: implications for the role of myocardial viability assessment in management decisions. 1998 , 116, 997-1004	213
829	Coronary artery bypass surgery as treatment for ischemic heart failure: the predictive value of viability assessment with quantitative positron emission tomography for symptomatic and functional outcome. 1998 , 115, 791-9	83
828	Basic and clinical aspects of myocardial stunning. 1998 , 40, 477-516	89
827	The usefulness of positron emission tomography. 1998 , 23, 69-120	12
826	Preconditioning preserves energy metabolism in prolonged low-flow ischemia. 1998 , 93, 487-96	2
825	Ischaemic preconditioning: mechanisms and potential clinical applications. 1998, 45, 670-82	76
824	[Myocardial stunning and myocardial hibernation: an update for anesthesiologists]. 1998, 45, 997-1010	1
823	The limited role of myocardial fluorine-18 fluorodeoxyglucose imaging in candidates for cardiac transplantation: a planar imaging study. 1998 , 25, 253-8	
822	Myokardperfusion und -funktion nach Koronarinterventionen. 1998 , 39, 713-719	
821	Evolving therapeutic concepts and imaging in ischemic cardiomyopathy. 1998 , 5, 598-608	5
820	Extent of myocardial viability in regions of left ventricular dysfunction by rest-redistribution thallium-201 imaging: a powerful predictor of outcome. 1998 , 5, 445-8	6
819	Acute oral trimetazidine administration increases resting technetium 99m sestamibi uptake in hibernating myocardium. 1998 , 5, 128-33	10
818	On myocardial perfusion, metabolism, and viability. 1998 , 5, 202-5	4
817	Different outcomes of the reperfused myocardium: insights into the comments of stunning and hibernation. 1998 , 65 Suppl 1, S7-16	4

816	The viable myocardium: epidemiology, detection, and clinical implications. 1998, 351, 815-9	53
815	Mechanisms of autoprotection and the role of stress-proteins in natural defenses, autoprotection, and salutogenesis. 1998 , 51, 153-63	14
814	Dobutamine magnetic resonance imaging predicts contractile recovery of chronically dysfunctional myocardium after successful revascularization. 1998 , 31, 1040-8	230
813	Prolonged myocardial hibernation exacerbates cardiomyocyte degeneration and impairs recovery of function after revascularization. 1998 , 31, 1018-26	107
812	Myocardial viability during dobutamine echocardiography predicts survival in patients with coronary artery disease and severe left ventricular systolic dysfunction. 1998 , 32, 921-6	211
811	Prognostic value of the amount of dysfunctional but viable myocardium in revascularized patients with coronary artery disease and left ventricular dysfunction. Investigators of this Multicenter Study. 1998 , 32, 912-20	194
810	Attenuation-corrected 99mTc-tetrofosmin single-photon emission computed tomography in the detection of viable myocardium: comparison with positron emission tomography using 18F-fluorodeoxyglucose. 1998 , 32, 927-35	54
809	Assessing myocardial perfusion in coronary artery disease with magnetic resonance first-pass imaging. 1998 , 16, 227-46	38
808	Does dobutamine stress echocardiography induce damage during viability diagnosis of patients with chronic regional dysfunction after myocardial infarction?. 1998 , 11, 181-7	7
807	Independent prognostic value of the extent and severity of systolic wall thickening abnormality at infarct site after thrombolytic therapy. <i>American Heart Journal</i> , 1998 , 135, 1093-8	17
806	Evaluation of hibernating myocardium in patients with ischemic heart disease. 1998 , 104, 69-77	12
805	Importance of intraoperative transesophageal echocardiography during coronary artery surgery without cardiopulmonary bypass. 1998 , 11, 1139-44	48
804	Bioenergetics of the Cell: Quantitative Aspects. 1998,	2
803	Cardiac Metabolism in Health and Disease. 1998,	1
802	Chapter 4 Myocardial cell injury during ischemia and reflow. 1998 , 127-166	
801	Myocardial hibernation and stunning: from physiological principles to clinical practice. 1998 , 80, 218-22	17
800	Prevalence of hibernating myocardium in patients with severely impaired ischaemic left ventricles.	
	1998, 80, 559-64	41

798	Downregulation of immunodetectable connexin43 and decreased gap junction size in the pathogenesis of chronic hibernation in the human left ventricle. 1998 , 97, 651-60	190
797	Medical and cellular implications of stunning, hibernation, and preconditioning: an NHLBI workshop. 1998 , 97, 1848-67	361
796	Hibernating myocardium. 1998 , 339, 173-81	365
795	Ineffective perfusion-contraction matching in conscious, chronically instrumented pigs with an extended period of coronary stenosis. 1998 , 82, 1199-205	45
794	Pre-PTCA detection of chronic but reversible postischemic myocardial dysfunction by nicardipine. 1998 , 49, 115-27	
793	Inorganic phosphate content and free energy change of ATP hydrolysis in regional short-term hibernating myocardium. 1998 , 39, 318-26	39
792	Assessment of tissue viability: clinical demand and problems. 1998 , 19, 847-58	18
791	Chapter 3 Adenine nucleotides in cardiac cell injury and restitution. 1998 , 13, 83-126	
790	Antioxidants and nitrate tolerance. 1998 , 98, 1350-1	4
789	Improvement in left ventricular ejection fraction and wall motion after successful recanalization of chronic coronary occlusions. 1998 , 19, 273-81	170
788	Relationship between normalization of negative T waves on exercise ECG and residual myocardial viability in patients with previous myocardial infarction and no post-infarction angina. 1998 , 62, 153-9	5
787	Hibernating myocardium. 1998 , 78, 1055-85	179
786	Left Heart Bypass in the Pig with a Centrifugal Pump Using Cannulae Prepared for Percutaneous Placement. 1998 , 21, 285-290	1
7 ⁸ 5	Molecular and cellular mechanisms of myocardial stunning. 1999 , 79, 609-34	841
784	New perspectives on heart failure due to myocardial ischaemia. 1999 , 20, 256-62	11
783	Chronic Heart Failure Model Induced by Coronary Embolization in Sheep. 1999 , 22, 499-504	9
782	Resting myocardial flow in hibernating myocardium: validating animal models of human pathophysiology. 1999 , 277, H417-22	20
781	Coronary revascularisation for postischaemic heart failure: how myocardial viability affects survival. 1999 , 82, 684-8	46

78o	Dobutamine echocardiography predicts functional outcome after revascularisation in patients with dysfunctional myocardium irrespective of the perfusion pattern on resting thallium-201 imaging. 1999 , 82, 668-73	16
779	Myocardial Preconditioning: Characteristics, Mechanisms, and Clinical Applications. 1999 , 3, 85-97	4
778	Effect of repetitive episodes of exercise induced myocardial ischaemia on left ventricular function in patients with chronic stable angina: evidence for cumulative stunning or ischaemic preconditioning?. 1999 , 81, 404-11	32
777	Global biventricular dysfunction in patients with asymptomatic coronary artery disease may be caused by myocarditis. 1999 , 99, 1295-9	20
776	Pathophysiology of myocardial hibernation. Implications for the use of dobutamine echocardiography to identify myocardial viability. 1999 , 82 Suppl 3, III1-7	17
775	Hypoxic Hypoperfusion Fails to Induce Myocardial Hibernation in Anesthetized Swine. 1999 , 4, 235-247	6
774	Spontaneous late improvement of myocardial viability in the chronic infarct zone is possible, depending on persistent TIMI 3 flow and a low grade stenosis of the infarct artery. 1999 , 81, 424-30	5
773	Concept and evaluation of hibernating myocardium. 1999 , 50, 75-86	33
772	Delayed recovery of hibernating myocardium after surgical revascularization: implications for discrepancy between metabolic imaging and dobutamine echocardiography for assessment of myocardial viability. 1999 , 6, 685-7	12
771	Detection of myocardial viability by low-dose dobutamine Cine MR imaging. 1999 , 17, 1437-43	70
770	Agreement and disagreement between "metabolic viability" and "contractile reserve" in akinetic myocardium. 1999 , 6, 383-8	26
769	Myocardial blood flow at rest and contractile reserve in patients with chronic coronary artery disease and left ventricular dysfunction. 1999 , 6, 487-94	12
768	Effects of Low-Dose Dobutamine on Displacement of the Atrioventricular Plane and Assessment of Myocardial Viability in Patients with Acute Myocardial Infarction Treated with Thrombolysis. 1999 , 16, 17-25	4
767	Noninvasive Assessment of Left Ventricular Viability: Did We Underestimate the Potential of Stress Echocardiography. 1999 , 12, 431-438	
766	Cardiac BMIPP imaging in acute myocardial infarction. 1999 , 15, 21-6	10
765	Prognostic utility of myocardial viability assessment. 1999 , 83, 696-702, A7	31
764	Comparison of dobutamine echocardiography, dobutamine sestamibi, and rest-redistribution thallium-201 single-photon emission computed tomography for determining contractile reserve and myocardial ischemia in ischemic cardiomyopathy. 1999 , 84, 626-31	17
763	Myocardial ischaemia. 1999 , 13, 321-334	

762	Stress functional MRI: detection of ischemic heart disease and myocardial viability. 1999 , 10, 667-75		17
761	Transesophageal echocardiography with stress for the evaluation of patients with coronary artery disease. 1999 , 17, 501-20, viii-ix		4
760	Assessment of myocardial viability with stress echocardiography. 1999 , 17, 539-53, ix		11
759	Improvement of left ventricular ejection fraction, heart failure symptoms and prognosis after revascularization in patients with chronic coronary artery disease and viable myocardium detected by dobutamine stress echocardiography. 1999 , 34, 163-9		266
758	Prognostic implications of myocardial contractile reserve in patients with coronary artery disease and left ventricular dysfunction. 1999 , 34, 730-8		141
757	Repeated stunning precedes myocardial hibernation in progressive multiple coronary artery obstruction. 1999 , 34, 2126-36		42
756	Is nitroglycerin useful for the enhancement of viability detection with myocardial perfusion imaging?. <i>American Heart Journal</i> , 1999 , 138, 206-9	4.9	4
755	Nitrate-enhanced thallium 201 single-photon emission computed tomography imaging in hibernating myocardium. <i>American Heart Journal</i> , 1999 , 138, 369-75	4.9	13
754	Nuclear cardiology in clinical practice. 1999 , 60, 183-6		
753	Rest-redistribution 201-Tl single-photon emission CT imaging for determination of myocardial viability: relationship among viability, mode of therapy, and long-term prognosis. 1999 , 115, 1621-6		16
752	[CINE-MRT for the study of the effects of regional left ventricular wall motion disorders on global heart function after a myocardial infarct and revascularization]. 1999 , 171, 424-30		1
751	Detecting viable hibernating myocardium in chronic coronary artery diseasea comparison of resting 201Tl single photon emission computed tomography (SPECT), 99mTc-methoxy-isobutyl isonitrile SPECT after nitrate administration, and 201Tl SPECT after 201Tl-glucose-insulin infusion.		5
750	Left ventricular apical thrombus and myocardial viability: a dobutamine stress echocardiographic study. 2000 , 17, 547-54		6
749	Adenosine and cardioprotection during ischaemia and reperfusionan overview. 2000 , 44, 1038-55		103
748	Prognostic implications of myocardial contractile reserve in patients with ischemic cardiomyopathy. 2000 , 17, 61-7		9
747	Reversible left ventricular dysfunction. 2000 , 17, 495-506		19
746	Predicting long-term functional results after myocardial revascularization in ischemic cardiomyopathy. 2000 , 120, 478-89		58
745	Practical issues in the treatment of patients with heart failure. 2000 , 20, 385S-391S		1

744	The role of myocardial viability in deriving benefit from reestablishing infarct-related artery flow after acute myocardial infarction. 2000 , 42, 455-470	10
743	Time course of functional recovery after coronary artery bypass graft surgery in patients with chronic left ventricular ischemic dysfunction. 2000 , 85, 1432-9	118
742	Absolute value of the difference of Tl-201 uptake between redistribution and rest is a specific marker of myocardial viability. 2000 , 16, 99-104	2
741	A self-perpetuating vicious cycle of tissue damage in human hibernating myocardium. 2000 , 213, 17-28	33
740	Dystrophin and the cardiomyocyte membrane cytoskeleton in the healthy and failing heart. 2000 , 5, 221-38	22
739	[Assessment of myocardial vitality with dobutamine echocardiography: current review]. 2000, 89, 921-31	4
738	Use of myocardial perfusion imaging to assess viability. 2000 , 7, 72-80	3
737	The role of cardiac imaging in optimizing therapy in heart failure. 2000 , 7, 81-4	1
736	Chronic hibernation and chronic stunning: a continuum. 2000 , 7, 509-27	51
735	Low-dose dobutamine radionuclide ventriculography for prediction of myocardial viability: quantitative analysis of regional left ventricular function. 2000 , 23, 409-14	
734	[Evaluating signal intensity of movement-impaired myocardial segments in MR delayed images after administration of Gd-DTPA. Correlation of regional increase in contraction after revascularization]. 2000 , 40, 150-4	1
733	Clinical evidence for myocardial derecruitment downstream from severe stenosis: pressure-flow control interaction. 2000 , 279, H2641-8	9
732	Dobutamine enhances both contractile function and energy reserves in hypoperfused canine right ventricle. 2000 , 279, H2975-85	17
731	Dobutamine magnetic resonance imaging as a predictor of myocardial functional recovery after revascularisation. 2000 , 83, 40-6	28
730	Coronary Circulation and Myocardial Ischemia. 2000,	
729	Durchblutungsstflungen des Myokard. 2000 , 659-928	
728	Sensitivity, specificity, and predictive accuracies of non-invasive tests, singly and in combination, for diagnosis of hibernating myocardium. 2000 , 21, 1358-67	39
727	Coronary artery disease: combined stress MR imaging protocol-one-stop evaluation of myocardial perfusion and function. 2000 , 215, 608-14	59

726	Anomalous origin of the left coronary artery from the pulmonary artery: Successful surgical strategy without assist devices. 2000 , 3, 165-172	37
725	Surgical alternatives to mechanical support. 2000 , 15, 379-86	
724	Hibernating myocardium. 2000 , 84, 587-94	19
723	Percutaneous transluminal coronary angioplasty performed 24-48 hours after the onset of acute myocardial infarction improves chronic-phase left ventricular regional wall motion. 2000 , 51, 281-8	1
722	Early and late Q wave regression in the setting of acute myocardial infarction. 2000, 83, 708-10	7
721	Prolonged left ventricular dysfunction occurs in patients with coronary artery disease after both dobutamine and exercise induced myocardial ischaemia. 2000 , 83, 283-9	25
720	Comparison between low-dose dobutamine echocardiography and thallium-201 scintigraphy in the detection of myocardial viability in patients with recent myocardial infarction. 2000 , 73, 213-23	7
719	Prediction of viability by pulsed-wave Doppler tissue sampling of asynergic myocardium during low-dose dobutamine challenge. 2000 , 74, 107-13	13
718	Positron emission tomography is a useful tool in differentiating idiopathic from ischemic dilated cardiomyopathy. 2000 , 74, 67-74; discussion 75-6	10
717	Positron emission tomography and low-dose dobutamine echocardiography in the prediction of postrevascularization improvement in left ventricular function and exercise parameters. <i>American</i> 4.9 <i>Heart Journal</i> , 2000 , 140, 928-36	15
716	Impact of delayed reperfusion of myocardial hibernation on myocardial ultrastructure and function and their recoveries after reperfusion in a pig model of myocardial hibernation. 2000 , 9, 67-84	19
715	Reversibility and pathohistological basis of left ventricular remodeling in hibernating myocardium. 2000 , 9, 323-35	18
714	An experimental model of chronic myocardial hibernation. 2000 , 69, 1351-7	44
713	Molecular and Cellular Stress Pathways In Ischemic Heart Disease: Targets for Regulated Gene Therapy. 2000 , 1, 99-112	1
712	A nonsurgical porcine model of left ventricular dysfunction. Validation of myocardial viability using dobutamine stress echocardiography and positron emission tomography. 2000 , 3, 111-120	4
711	Noninvasive assessment of myocardial viability. 2000 , 343, 1488-90	37
710	Gulls de prlitica clilica de la Sociedad Espalla de Cardiologii en pruebas de esfuerzo. 2000 , 53, 1063-1094	30
709	Guās de prūtica clūica de la Sociedad Espa ū la de Cardiologā en la angina estable. 2000 , 53, 967-996	4

708	Eficacia del SPET miociidico esfuerzo-reposo con 99mTc-MIBI en la prediccii de la recuperabilidad de la funcii contritti posrevascularizacii. Resultados del protocolo multicii trico espa Bl. 2000 , 53, 903-910	5
707	PET contributions to understanding normal and abnormal cardiac perfusion and metabolism. 2000 , 28, 922-9	30
706	End-diastolic wall thickness as a predictor of recovery of function in myocardial hibernation: relation to rest-redistribution T1-201 tomography and dobutamine stress echocardiography. 2000 , 35, 1152-61	149
705	Safety and efficacy of elective carotid artery stenting in high-risk patients. 2000 , 35, 1721-8	167
704	Prognostic implications of Tc-99m sestamibi viability imaging and subsequent therapeutic strategy in patients with chronic coronary artery disease and left ventricular dysfunction. 2000 , 36, 739-45	59
703	Noninvasive characterization of stunned, hibernating, remodeled and nonviable myocardium in ischemic cardiomyopathy. 2000 , 36, 1913-9	70
702	Time course and extent of improvement of dysfunctioning myocardium in patients with coronary artery disease and severely depressed left ventricular function after revascularization: correlation with positron emission tomographic findings. 2000 , 36, 1927-34	69
701	Sensitivity, specificity, and predictive accuracies of various noninvasive techniques for detecting hibernating myocardium. 2001 , 26, 147-86	165
700	Apoptosis in myocardial ischemia, infarction, and altered myocardial states. 2001 , 19, 91-112	9
699	Milrinone echocardiographic viability test: a pilot study. 2001 , 14, 668-75	1
698	[Comparison of dobutamine echocardiography and rest-redistribution 201-thallium SPECT in the assessment of myocardial viability taking PET as gold standard]. 2001 , 54, 1394-405	3
69 7	The contribution of positron emission tomography to the study of ischemic heart failure. 2001 , 43, 399-418	7
696	Effect of the stenosis location and severity on left ventricular function after single-vessel anterior wall myocardial infarction. <i>American Heart Journal</i> , 2001 , 141, 55-64	4
695	Another view of myocardial hibernation. 2001 , 79, 13-7	3
694	Is chronically dysfunctional yet viable myocardium distal to a severe coronary stenosis hypoperfused?. 2001 , 72, 163-8	13
693	Ecocardiograf Doppler en la cardiopat isquínica. 2001 , 13, 271-281	
692	Cardiopat isquinica. el sildrome crilico: la angina estable. 2001 , 8, 2281-2286	1
691	[Troponine T as possible myocardial injury marker. Its application in myocardial stunning and silent ischemia]. 2001 , 54, 580-91	3

(2001-2001)

690	[Thallium-201 scintigraphy and dobutamine echocardiography in the assessment of myocardial viability]. 2001 , 201, 5-15	Ο
689	Akuter Myokardinfarkt bei Patienten mit Diabetes mellitus. 2001 , 21, 176-185	
688	Calcium Overload in Ischemia/Reperfusion Injury. 2001 , 949-965	5
687	Cardiac basal metabolism. 2001 , 51, 399-426	44
686	Repetitive stunning, hibernation, and heart failure: contribution of PET to establishing a link. 2001 , 280, H929-36	29
685	Value of linsidomin in assessing myocardial viability with thallium-201 SPECT. 2001 , 22, 1313-6	
684	Relevance of 99mTc-MIBI rest uptake, ejection fraction and location of contractile abnormality in predicting myocardial recovery after revascularization. 2001 , 22, 795-805	13
683	Myocardial viability assessment in regions of left ventricular dysfunction. Part I: Radionuclide imaging and clinical implications. 2001 , 22, 607-11	
682	Clinical pathophysiology of hibernating myocardium. 2001 , 12, 381-5	5
681	Prediction of reversible myocardial dysfunction by positron emission tomography, low-dose dobutamine echocardiography, resting ECG, and exercise testing. 2001 , 96, 32-7	9
680	Comparison between rest technetium-99m-tetrofosmin and rest-redistribution thallium-201 SPECT in stable patients with healed myocardial infarction. 2001 , 22, 1317-24	3
679	Myocardial metabolism of 123I-BMIPP during low-flow ischaemia in an experimental model: comparison with myocardial blood flow and 18F-FDG. 2001 , 28, 1630-9	6
678	Perfusion-contraction match and mismatch. 2001 , 96, 1-10	28
677	Accuracy of biphasic response, sustained improvement and worsening during dobutamine echocardiography in predicting recovery of resting myocardial dysfunction after revascularization: comparison with thallium-201 SPECT. 2001 , 27, 925-31	5
676	Echocardiographic assessment of viable myocardium. 2001 , 43, 351-61	5
675	The pathophysiology of myocardial hibernation: current controversies and future directions. 2001 , 43, 387-98	24
674	Coronary artery surgery for ischemic heart failure: risks, benefits, and the importance of assessment of myocardial viability. 2001 , 43, 373-86	13
673	The role of positron emission tomography in cardiology. 2001 , 7, 11-20	9

672	Guidelines for the diagnosis and treatment of chronic heart failure. 2001 , 22, 1527-60	1001
671	Online myocardial viability assessment in the catheterization laboratory via NOGA electroanatomic mapping: Quantitative comparison with thallium-201 uptake. 2001 , 104, 1005-11	32
670	Long-term results of coronary artery bypass grafting procedure in the presence of left ventricular dysfunction and hibernating myocardium. 2001 , 20, 937-48	40
669	Consequences of brief ischemia: stunning, preconditioning, and their clinical implications: part 2. 2001 , 104, 3158-67	293
668	Ischemically compromised myocardium displays different time-courses of functional recovery: correlation with morphological alterations?. 2001 , 20, 290-8	43
667	Effects of coronary revascularisation on myocardial blood flow and coronary vasodilator reserve in hibernating myocardium. 2001 , 85, 208-12	30
666	Quantitative prediction of improvement in cardiac function after revascularization with MR imaging and modeling: initial results. 2001 , 221, 515-22	10
665	Dissociation of regional adaptations to ischemia and global myolysis in an accelerated Swine model of chronic hibernating myocardium. 2002 , 91, 970-7	52
664	Who are the enemies? Lack of oxygen. 2002 , 4, G15-G19	3
663	Assessment of myocardial viability with contrast-enhanced magnetic resonance imaging: comparison with positron emission tomography. 2002 , 105, 162-7	497
662	Images in cardiology: Spontaneous right coronary artery dissection. 2002 , 88, 130	2
661	Identification of viable myocardium in patients with chronic coronary artery disease and myocardial dysfunction: comparison of low-dose dobutamine stress echocardiography and echocardiography during glucose-insulin-potassium infusion. 2002 , 53, 671-6	3
660	Prevalence of myocardial viability assessed by single photon emission computed tomography in patients with chronic ischaemic left ventricular dysfunction. 2002 , 88, 125-30	25
659	Detection and characterization of hibernating myocardium. 2002 , 23, 311-22	18
658	Clinical assessment in ischaemic cardiomyopathy. 2002 , 23, 341-5	1
657	Comparison of low-dose dobutamine stress echocardiography and echocardiography during glucose-insulin-potassium infusion for detection of myocardial viability after anterior myocardial infarction. 2002 , 13, 145-9	7
656	Use of pharmaceuticals in noninvasive cardiovascular diagnosis. 2002 , 4, 315-30	3
655	Pulsed Doppler tissue imaging for the assessment of myocardial viability: comparison with 99mTc sestamibi perfusion imaging. 2002 , 23, 1197-204	1

(2002-2002)

654	Cardiac magnetic resonance imaging: a "one-stop-shop" evaluation of myocardial dysfunction. 2002 , 17, 663-70	43
653	The pathology of hibernating myocardium. 2002 , 23, 303-9	4
652	Prognosis of hibernating myocardium is independent of recovery of function: evidence from a routine based follow-up study. 2002 , 23, 933-42	12
651	ET(A) receptor blockade improves post-ischaemic functional recovery in 'hibernating' rat myocardium. 2002 , 103 Suppl 48, 215S-218S	2
650	Prediction of functional recovery of the left ventricle after coronary revascularization in patients with prior anterior myocardial infarction: a myocardial integrated backscatter study. 2002 , 66, 897-901	3
649	Effect of repeated episodes of reversible myocardial ischemia on myocardial blood flow and function in humans. 2002 , 282, H1603-8	50
648	How to best counteract the enemies? By ensuring adequate oxygen delivery. 2002, 4, G35-G42	
647	Carotid artery stenting: acute and long-term results. 2002 , 17, 671-6	41
646	Dissociation of cardiomyocyte apoptosis and dedifferentiation in infarct border zones. 2002 , 23, 849-57	55
645	Myocardial viability and prognosis in patients with ischemic left ventricular dysfunction. 2002 , 39, 1159-62	65
644	Severe energy deprivation of human hibernating myocardium as possible common pathomechanism of contractile dysfunction, structural degeneration and cell death. 2002 , 39, 1189-98	39
643	The art and science of predicting postrevascularization improvement in left ventricular (LV) function in patients with severely depressed LV function. 2002 , 40, 1744-7	20
642	Future strategies of reverse remodeling prevention of hibernation. 2002 , 8, S542-8	О
641	Contrast agents for cardiovascular magnetic resonance imaging. Current status and future directions. 2002 , 3, 285-302	6
640	An ovine model of postinfarction dilated cardiomyopathy. 2002 , 74, 753-60	64
639	Metabolic control analysis of anaerobic glycolysis in human hibernating myocardium replaces traditional concepts of flux control. 2002 , 517, 245-50	11
638	Current diagnostic strategies in heart failure. 2002 , 9, 31S-39S	1
637	Cardiac Positron Emission Tomography. 2002 , 2, 117-126	

636	Predicting revascularization outcome in patients with coronary artery disease and left ventricular dysfunction (data from the SEMINATOR study). 2002 , 89, 1369-73	10
635	Evaluation of myocardial viability with contrast echocardiography. 2002 , 90, 65J-71J	28
634	Myocardial hibernation in coronary artery disease. 2002 , 4, 149-55	28
633	Accuracy of PET in predicting functional recovery after revascularisation in patients with chronic ischaemic dysfunction: head-to-head comparison between blood flow, glucose utilisation and water-perfusable tissue fraction. 2002 , 29, 721-7	22
632	The need for standardisation of cardiac FDG PET imaging in the evaluation of myocardial viability in patients with chronic ischaemic left ventricular dysfunction. 2002 , 29, 1257-66	62
631	Viability of hypokinetic segments: influence of tethering from adjacent segments: influence of tethering from adjacent segments. 2002 , 19, 475-81	8
630	Detection of occult left ventricular dysfunction in patients without prior clinical history of myocardial infarction by technetium-99m sestamibi myocardial perfusion gated single-photon emission computed tomography. 2002 , 25, 429-35	1
629	Studies of prevention, treatment and mechanisms of heart failure in the aging spontaneously hypertensive rat. 2002 , 7, 71-88	44
628	Long-term prognostic value of stress-redistribution-reinjection Tl-201 imaging in patients with severe left ventricular dysfunction and coronary artery bypass surgery. 2002 , 18, 125-33	7
627	ECG-gated 18F-FDG positron emission tomography. 2002 , 18, 363-72	4
626	Consideration of perfusion reserve in viability assessment by myocardial Tl-201 rest-redistribution SPECT: a quantitative study with dual-isotope SPECT. 2002 , 9, 68-74	8
625	Prediction of long-term effects of revascularization on regional and global left ventricular function by dobutamine echocardiography and rest Tl-201 imaging alone and in combination in patients with chronic coronary artery disease. 2002 , 9, 174-82	14
624	Assessment of myocardial viability after myocardial infarction. 2002 , 9, 229-35	26
623	Novel mechanisms mediating stunned myocardium. 2003 , 8, 143-53	45
622	Evidence that stunning can be cumulative in man. 2003 , 8, 161-5	1
621	Coronary artery surgery for ischaemic heart failure: the surgeon's view. 2003 , 8, 175-9	
620	Angiogenesis and myogenesis as two facets of inflammatory post-ischemic tissue regeneration. 2003 , 246, 57-67	32
619	Relationship between contractile reserve, Tl-201 uptake, and collateral angiographic circulation in collateral-dependent myocardium: implications regarding the evaluation of myocardial viability. 2003 , 10, 17-27	14

618	Assessment of myocardial viability in dysfunctional myocardium by resting myocardial blood flow determined with oxygen 15 water PET. 2003 , 10, 34-45		10
617	Assessment of myocardial viability in a porcine model of chronic coronary artery stenosis with dual dose dobutamine magnetic resonance imaging. 2003 , 19, 63-72		6
616	Prognostic value of nitrate enhanced Tc99m MIBI SPECT study in detecting viable myocardium in patients with coronary artery disease. 2003 , 19, 129-35		8
615	Comparison of left ventriculography and coronary arteriography with positron emission tomography in assessment of myocardial viability. 2003 , 26, 60-6		3
614	Changes in the response of hibernated myocardium to inotropic stimulation after angioplasty: a Doppler myocardial imaging study. 2003 , 26, 503-7		1
613	Assessment of myocardial viability by MR imaging. 2003 , 13, 52-61		38
612	Myocardial viability assessment using nuclear imaging. 2003 , 17, 169-79		22
611	Single photon emission computed tomography perfusion imaging for assessment of myocardial viability and management of heart failure. 2003 , 5, 32-9		2
610	Prognostic value of myocardial viability recognized by low-dose dobutamine echocardiography in chronic ischemic left ventricular dysfunction. 2003 , 92, 1263-6		44
609	Intracoronary electrocardiogram and angina pectoris during percutaneous coronary interventions as an assessment of myocardial viability: comparison with low-dose dobutamine echocardiography. 2003 , 60, 469-76		11
608	The quest for myocardial viability: Is there a role for nitrate-enhanced imaging?. 2003, 10, 696-9		8
607	Selective intracoronary injection of sestamibi to detect myocardial viability: Prediction of perfusion and contractile recovery after percutaneous transluminal coronary angioplasty. 2003 , 10, 473-81		2
606	Assessment of myocardial viability in patients with postischemic left ventricular dysfunction: role of myocardial contrast echocardiography. 2003 , 20 Suppl 1, S19-29		2
605	Selective pressure-regulated retroinfusion of fibroblast growth factor-2 into the coronary vein enhances regional myocardial blood flow and function in pigs with chronic myocardial ischemia. 2003 , 42, 1120-8		55
604	Surgical treatment of congestive heart failure: evolving options. 2003, 76, S2254-9		10
603	Radionuclide viability testing: should it affect treatment strategy in patients with cardiomyopathy and significant coronary artery disease?. <i>American Heart Journal</i> , 2003 , 145, 758-67	4.9	17
602	Prediction of Surgical Treatment Effect by Preoperative Imaging:Present and Future Perspectives. 2003 , 7, 31-36		
601	Coronary arterial sling operation. 2003 , 89, 744		2

600	Noninvasive imaging of myocardial viability: current techniques and future developments. 2003 , 93, 1146-58	82
599	Persistent stunning induces myocardial hibernation and protection: flow/function and metabolic mechanisms. 2003 , 92, 1233-9	79
598	Border zone geometry increases wall stress after myocardial infarction: contrast echocardiographic assessment. 2003 , 284, H475-9	68
597	Detection of scarred and viable myocardium using a new magnetic resonance imaging technique: blood oxygen level dependent (BOLD) MRI. 2003 , 89, 738-44	23
596	Effects of glucose-insulin-potassium infusion on chronic ischaemic left ventricular dysfunction. 2003 , 89, 61-5	19
595	The non-invasive assessment of hibernating myocardium in ischaemic cardiomyopathya myriad of techniques. 2003 , 5, 217-27	5
594	Hibernation, Stunning, and Preconditioning: Historical Perspective, Current Concepts, Clinical Applications, and Future Implications. 2003 , 7, 115-140	
593	Noninvasive evaluation of ischaemic heart disease: myocardial perfusion imaging or stress echocardiography?. 2003 , 24, 789-800	120
592	Spontaneous Recovery of Myocardial Asynergic Segments Following Acute Myocardial Infarction. The Role of Post-Extrasystolic Potentiation Echocardiography in the Predischarge Evaluation. 2003 , 4, 135-140	
591	Prediction of functional recovery after coronary bypass surgery using quantitative gated myocardial perfusion SPECT. 2003 , 24, 625-31	22
590	An assessment of wall motion, perfusion and glucose metabolism in recent myocardial infarction: a comparison in patients with and without revascularization. 2003 , 24, 1155-65	1
590 589	An assessment of wall motion, perfusion and glucose metabolism in recent myocardial infarction: a	8
	An assessment of wall motion, perfusion and glucose metabolism in recent myocardial infarction: a comparison in patients with and without revascularization. 2003 , 24, 1155-65 Nuclear imaging is more sensitive for the detection of viable myocardium than dobutamine	
589	An assessment of wall motion, perfusion and glucose metabolism in recent myocardial infarction: a comparison in patients with and without revascularization. 2003 , 24, 1155-65 Nuclear imaging is more sensitive for the detection of viable myocardium than dobutamine echocardiography. 2003 , 24, 375-81 Dobutamine responsiveness, PET mismatch, and lack of necrosis in low-flow ischemia: is this	8
589 588	An assessment of wall motion, perfusion and glucose metabolism in recent myocardial infarction: a comparison in patients with and without revascularization. 2003, 24, 1155-65 Nuclear imaging is more sensitive for the detection of viable myocardium than dobutamine echocardiography. 2003, 24, 375-81 Dobutamine responsiveness, PET mismatch, and lack of necrosis in low-flow ischemia: is this hibernation in the isolated rat heart?. 2003, 285, H316-24	14
589 588 587	An assessment of wall motion, perfusion and glucose metabolism in recent myocardial infarction: a comparison in patients with and without revascularization. 2003, 24, 1155-65 Nuclear imaging is more sensitive for the detection of viable myocardium than dobutamine echocardiography. 2003, 24, 375-81 Dobutamine responsiveness, PET mismatch, and lack of necrosis in low-flow ischemia: is this hibernation in the isolated rat heart?. 2003, 285, H316-24 Ecocardiografia sob estresse em coronariopatia. 2004, 19, 55 ACC/AHA Guidelines for the Management of Patients With ST-Elevation Myocardial Infarction. 2004	14
589 588 587 586	An assessment of wall motion, perfusion and glucose metabolism in recent myocardial infarction: a comparison in patients with and without revascularization. 2003, 24, 1155-65 Nuclear imaging is more sensitive for the detection of viable myocardium than dobutamine echocardiography. 2003, 24, 375-81 Dobutamine responsiveness, PET mismatch, and lack of necrosis in low-flow ischemia: is this hibernation in the isolated rat heart?. 2003, 285, H316-24 Ecocardiografia sob estresse em coronariopatia. 2004, 19, 55 ACC/AHA Guidelines for the Management of Patients With ST-Elevation Myocardial Infarction. 2004, 110, The natural history of myocardium awaiting revascularisation in patients with impaired left	8 14 1 59

(2004-2004)

582	Radionuclide techniques for the assessment of myocardial viability and hibernation. 2004 , 90 Suppl 5, v26-33	66
581	Temporal and spatial variations in structural protein expression during the progression from stunned to hibernating myocardium. 2004 , 110, 3313-21	29
580	Program of cell survival underlying human and experimental hibernating myocardium. 2004, 95, 433-40	106
579	Anteroseptal or apical myocardial infarction: a controversy addressed using delayed enhancement cardiovascular magnetic resonance imaging. 2004 , 6, 653-61	12
578	Evaluation of hibernating myocardium. 2004 , 90, 1239-40	3
577	Fundamental concepts in myocardial viability assessment revisited: when knowing how much is "alive" is not enough. 2004 , 90, 137-40	43
576	Nuclear Cardiology and Correlative Imaging. 2004,	2
575	Activation of p38 MAPK and increased glucose transport in chronic hibernating swine myocardium. 2004 , 287, H1328-34	31
574	Comparison of late enhancement cardiovascular magnetic resonance and thallium SPECT in patients with coronary disease and left ventricular dysfunction. 2004 , 6, 549-56	24
573	Stress echocardiography: basics and noninvasive assessment of myocardial viability. 2004, 17, 349-55	3
572	Cardiac MRI for the Assessment of Myocardial Viability. 2004 , 8, 2-8	
571	Quantitative intravenous myocardial contrast echocardiography predicts recovery of left ventricular function after revascularization in chronic coronary artery disease. 2004 , 21, 119-24	6
570	Reduced high-frequency QRS components in patients with ischemic heart disease compared to normal subjects. 2004 , 37, 157-62	27
569	Comparison of functional recovery of mildly hypokinetic versus severely dysfunctional left ventricular segments after revascularization in patients with ischemic cardiomyopathy. 2004 , 93, 394-8	4
568	Clinical usefulness of ECG-gated 18F-FDG PET combined with 99mTC-MIBI gated SPECT for evaluating myocardial viability and function. 2004 , 18, 375-83	14
567	An echocardiogram-based 16-segment model for predicting left ventricular ejection fraction improvement. 2004 , 228, 7-15	4
566	[Determining myocardial viability in myocardial infarct. Comparison of single and multisclice MRI techniques with TurboFlash and TrueFISP sequences]. 2004 , 44, 146-51	12
565	Assessment of myocardial ischemia and viability using cardiac magnetic resonance. 2004 , 6, 62-9	2

564	Stress echocardiography in heart failure. 2004 , 2, 11	32
563	Time course of 23Na signal intensity after myocardial infarction in humans. 2004 , 52, 545-51	43
562	Clinical characteristics and referral pattern of patients with left ventricular dysfunction and significant coronary artery disease undergoing radionuclide imaging. 2004 , 11, 118-25	4
561	Should we be screening for myocardial hibernation in heart failure?. 2004, 11, 114-7	3
560	Added value of attenuation-corrected Tc-99m tetrofosmin SPECT for the detection of myocardial viability: comparison with FDG SPECT. 2004 , 11, 689-96	15
559	Advances in positron emission tomography. 2004 , 11, 719-32	37
558	The historical and conceptual evolution of radionuclide assessment of myocardial viability. 2004 , 11, 318-34	14
557	Coronary revascularization in ischemic cardiomyopathy. 2004 , 84, 179-99, x	17
556	MR imaging in ischemic heart disease. 2004 , 42, 651-73, vii	2
555	Cardiac imaging using nuclear medicine and positron emission tomography. 2004 , 42, 619-34, vii	4
555 554	Cardiac imaging using nuclear medicine and positron emission tomography. 2004 , 42, 619-34, vii Ultrastructural evidence of increased tolerance of hibernating myocardium to cardioplegic ischemia-reperfusion injury. 2004 , 43, 2329-36	15
	Ultrastructural evidence of increased tolerance of hibernating myocardium to cardioplegic	
554	Ultrastructural evidence of increased tolerance of hibernating myocardium to cardioplegic ischemia-reperfusion injury. 2004 , 43, 2329-36 Human hibernating myocardium is jeopardized by apoptotic and autophagic cell death. 2004 , 43, 2191-9 ACC/AHA guidelines for the management of patients with ST-elevation myocardial infarction; A report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines (Committee to Revise the 1999 Guidelines for the Management of patients with acute	15
554 553	Ultrastructural evidence of increased tolerance of hibernating myocardium to cardioplegic ischemia-reperfusion injury. 2004 , 43, 2329-36 Human hibernating myocardium is jeopardized by apoptotic and autophagic cell death. 2004 , 43, 2191-9 ACC/AHA guidelines for the management of patients with ST-elevation myocardial infarction; A report of the American College of Cardiology/American Heart Association Task Force on Practice	15 119
554553552	Ultrastructural evidence of increased tolerance of hibernating myocardium to cardioplegic ischemia-reperfusion injury. 2004, 43, 2329-36 Human hibernating myocardium is jeopardized by apoptotic and autophagic cell death. 2004, 43, 2191-9 ACC/AHA guidelines for the management of patients with ST-elevation myocardial infarction; A report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines (Committee to Revise the 1999 Guidelines for the Management of patients with acute myocardial infarction). 2004, 44, E1-E211 Positron Emission Tomography of the Heart: Methodology, Findings in the Normal and the	15 119 830
554553552551	Ultrastructural evidence of increased tolerance of hibernating myocardium to cardioplegic ischemia-reperfusion injury. 2004, 43, 2329-36 Human hibernating myocardium is jeopardized by apoptotic and autophagic cell death. 2004, 43, 2191-9 ACC/AHA guidelines for the management of patients with ST-elevation myocardial infarction; A report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines (Committee to Revise the 1999 Guidelines for the Management of patients with acute myocardial infarction). 2004, 44, E1-E211 Positron Emission Tomography of the Heart: Methodology, Findings in the Normal and the Diseased Heart, and Clinical Applications. 2004, 389-508 Cardiovascular effects of the toxin(s) of the Australian paralysis tick, Ixodes holocyclus, in the rat.	15 119 830 8
554553552551550	Ultrastructural evidence of increased tolerance of hibernating myocardium to cardioplegic ischemia-reperfusion injury. 2004, 43, 2329-36 Human hibernating myocardium is jeopardized by apoptotic and autophagic cell death. 2004, 43, 2191-9 ACC/AHA guidelines for the management of patients with ST-elevation myocardial infarction; A report of the American College of Cardiology/American Heart Association Task Force on Practice Guidelines (Committee to Revise the 1999 Guidelines for the Management of patients with acute myocardial infarction). 2004, 44, E1-E211 Positron Emission Tomography of the Heart: Methodology, Findings in the Normal and the Diseased Heart, and Clinical Applications. 2004, 389-508 Cardiovascular effects of the toxin(s) of the Australian paralysis tick, Ixodes holocyclus, in the rat. 2004, 43, 743-50 How reliable is electrocardiography in differentiating transmural from non-transmural myocardial	15 119 830 8

(2005-2004)

546	Does resting two-dimensional echocardiography identify patients with ischemic cardiomyopathy and low likelihood of functional recovery after coronary revascularization?. 2004 , 15, 269-75	2
545	Effects of delayed preconditioning on myocardial regional contractility during repeated episodes of low-flow ischaemia in anaesthetized dogs: possible role of nitric oxide. 2004 , 106, 201-13	1
544	Nitric oxide and inflammatory cytokines in the heart: the presence of positive feedback loops. 2005 , 33, 2851-2	
543	How accurate are currently used methods of determining glycemia in critically ill patients, and do they affect their clinical course?. 2005 , 33, 2849-51	6
542	The compassionate clinician: attending to the spiritual needs of self and others. 2005, 33, 2841-2	17
541	Pediatric extracorporeal life support and central nervous system injury. 2005 , 33, 2854-5	2
540	Ventilator-induced diaphragmatic dysfunction: keep working. 2005, 33, 2852-3	2
539	The swinging pendulum of corticosteroid use in the intensive care unit: has it swung too far or not far enough?. 2005 , 33, 2842-3	3
538	Reversible myocardial dysfunction in sepsis and ischemia. 2005 , 33, 2845-7	7
F2=	Defrigerated intravenous fluids: kick starting the social process 2005, 22, 2044 F	
537	Refrigerated intravenous fluids: kick-starting the cooling process. 2005 , 33, 2844-5	4
536	Admission hyperglycemia and outcome: the ongoing story. 2005 , 33, 2848-9	2
536	Admission hyperglycemia and outcome: the ongoing story. 2005 , 33, 2848-9	2
536 535	Admission hyperglycemia and outcome: the ongoing story. 2005 , 33, 2848-9 Hibernating myocardium. 2005 , 12, 104-19	2 57
536 535 534	Admission hyperglycemia and outcome: the ongoing story. 2005 , 33, 2848-9 Hibernating myocardium. 2005 , 12, 104-19 Cardiovascular magnetic resonance: structure, function, perfusion, and viability. 2005 , 12, 324-36 Infarct transmurality and adjacent segmental function as determinants of wall thickening in	2 57 22
536535534533	Admission hyperglycemia and outcome: the ongoing story. 2005, 33, 2848-9 Hibernating myocardium. 2005, 12, 104-19 Cardiovascular magnetic resonance: structure, function, perfusion, and viability. 2005, 12, 324-36 Infarct transmurality and adjacent segmental function as determinants of wall thickening in revascularized chronic ischemic heart disease. 2005, 25, 209-14	2 57 22 5
536 535 534 533	Admission hyperglycemia and outcome: the ongoing story. 2005, 33, 2848-9 Hibernating myocardium. 2005, 12, 104-19 Cardiovascular magnetic resonance: structure, function, perfusion, and viability. 2005, 12, 324-36 Infarct transmurality and adjacent segmental function as determinants of wall thickening in revascularized chronic ischemic heart disease. 2005, 25, 209-14 Clinical decision-making and myocardial viability: current perspectives. 2005, 35, 118-25	2 57 22 5

528	Role of F-18 FDG positron emission tomography (PET) in the assessment of myocardial viability. 2005 , 22, 165-77	40
527	Viabilit[myocardique. 2005 , 2, 86-89	
526	Mechanisms of cell survival in myocardial hibernation. 2005 , 15, 101-10	31
525	Time course of functional recovery after coronary artery bypass grafting surgery according to the preoperative reversibility of perfusion impairment on myocardial SPECT. 2005 , 32, 70-4	10
524	Comparison of 99mTc-sestamibi/18FDG DISA SPECT with PET for the detection of viability in patients with coronary artery disease and left ventricular dysfunction. 2005 , 32, 972-9	23
523	Assessment of myocardial viability by nuclear imaging techniques. 2005 , 7, 124-9	7
522	Heart failure following anterior myocardial infarction: an indication for ventricular restoration, a surgical method to reverse post-infarction remodeling. 2004 , 9, 241-54	7
521	Cine and tagged magnetic resonance imaging in short-term stunned versus necrotic myocardium. 2005 , 21, 271-82	6
520	Ischemic Heart Disease. 2005 , 173-216	3
519	Koronare Herzerkrankung: Klinik und Diagnostik. 2005 , 207-229	
519 518	Koronare Herzerkrankung: Klinik und Diagnostik. 2005 , 207-229 Viability in Ischemic Cardiomyopathy. 203-217	
		2
518	Viability in Ischemic Cardiomyopathy. 203-217	2 19
518 517	Viability in Ischemic Cardiomyopathy. 203-217 . 2005, Influence of insulin and free fatty acids on contractile function in patients with chronically stunned	
518 517 516	Viability in Ischemic Cardiomyopathy. 203-217 . 2005, Influence of insulin and free fatty acids on contractile function in patients with chronically stunned and hibernating myocardium. 2005, 289, H938-46 Impaired resting perfusion in viable myocardium distal to chronic coronary stenosis in rats. 2005,	19
518 517 516 515	Viability in Ischemic Cardiomyopathy. 203-217 . 2005, Influence of insulin and free fatty acids on contractile function in patients with chronically stunned and hibernating myocardium. 2005, 289, H938-46 Impaired resting perfusion in viable myocardium distal to chronic coronary stenosis in rats. 2005, 288, H2588-93 Prognostic value of viable myocardium in patients with non-Q-wave and Q-wave myocardial	19 14
518 517 516 515 514	Viability in Ischemic Cardiomyopathy. 203-217 . 2005, Influence of insulin and free fatty acids on contractile function in patients with chronically stunned and hibernating myocardium. 2005, 289, H938-46 Impaired resting perfusion in viable myocardium distal to chronic coronary stenosis in rats. 2005, 288, H2588-93 Prognostic value of viable myocardium in patients with non-Q-wave and Q-wave myocardial infarction. 2005, 33, 574-82	19 14 2

510	Cardiovascular MR to access myocardial viability in chronic ischaemic LV dysfunction. 2005 , 91, 1359-65	45
509	Radionuclide Imaging in Patients with Ischemic Heart Failure. 2005 , 1, 17-23	
508	Assessment of myocardial viability. 2005 , 35, 2-16	57
507	Suppressed phospholamban levels differentiate irreversibly dysfunctional from hibernating myocardium in humans. 2005 , 39, 55-9	1
506	Revascularization in severe left ventricular dysfunction: the role of viability testing. 2005, 46, 567-74	99
505	Assessment of myocardial viability in ischemic cardiomyopathy. 2005 , 14 Suppl 2, S8-13	8
504	Carvedilol improves myocardial contractility compared with metoprolol in patients with chronic hibernating myocardium after revascularization. 2005 , 10, 181-90	6
503	Dobutamine stress echocardiography is highly accurate for the prediction of contractile reserve in the early postoperative period, but may underestimate late recovery in contractile reserve after revascularization of the hibernating myocardium. 2006 , 19, 300-6	8
502	Imaging to differentiate between ischemic and nonischemic cardiomyopathy. 2006, 2, 205-14	6
501	Cardioprotective effects of granulocyte colony-stimulating factor in swine with chronic myocardial ischemia. 2006 , 47, 842-9	49
500	Hibernating myocardium: another piece of the puzzle falls into place. 2006 , 47, 978-80	32
499	. 2006,	1
498	PET: Metabolism, Innervation and Receptors. 99-117	
497	Tissue viability by contrast echocardiography. 2006 , 7, S22-S29	1
496	Viabilit[myocardique. 2006 , 1, 1-3	
495	Prognostic role of dobutamine stress echocardiography in myocardial viability. 2006, 21, 443-9	20
494	Magnetic resonance for the assessment of myocardial viability. 2006 , 21, 469-72	21
493	Cardiovascular Magnetic Resonance: Evaluation of Myocardial Function, Perfusion and Viability. 155-191	

492	Structural adaptation in adult rabbit ventricular myocytes: influence of dynamic physical interaction with fibroblasts. 2006 , 44, 119-28	21
491	Diagnostic and imaging considerations: role of viability. 2006 , 11, 125-34	3
490	Imaging techniques in nuclear cardiology for the assessment of myocardial viability. 2006 , 22, 63-80	57
489	Reduced sarcoplasmic reticulum Ca2+ -ATPase activity and dephosphorylated phospholamban contribute to contractile dysfunction in human hibernating myocardium. 2006 , 282, 53-63	19
488	Adaptation of nonrevascularized human hibernating and chronically stunned myocardium to long-term chronic myocardial ischemia. 2006 , 98, 1574-80	8
487	Contrast-enhanced cardiac magnetic resonance in the evaluation of myocardial infarction and myocardial viability in patients with ischemic heart disease. 2006 , 31, 128-68	23
486	Valoracifi de la viabilidad miocfidica mediante resonancia magnfica. 2006 , 6, 49E-56E	
485	Single-shot inversion recovery TrueFISP for assessment of myocardial infarction. 2006 , 186, 627-33	36
484	[Contrast-enhanced MR and MSCT for the assessment of myocardial viability]. 2006, 178, 771-80	3
483	Clinical applications of cardiovascular magnetic resonance imaging. 2006 , 175, 911-7	63
482	Mechanisms leading to reversible mechanical dysfunction in severe CAD: alternatives to myocardial stunning. 2006 , 291, H2570-82	19
481	Long term prognostic value of myocardial viability and ischaemia during dobutamine stress echocardiography in patients with ischaemic cardiomyopathy undergoing coronary revascularisation. 2006 , 92, 239-44	52
480	Treatment of Advanced Heart Disease. 2006,	1
479	Myocardial viability testing and the effect of early intervention in patients with advanced left ventricular systolic dysfunction. 2006 , 113, 230-7	134
478	Dobutamine stress echocardiography and the effect of revascularization on outcome in diabetic and non-diabetic patients with chronic ischaemic left ventricular dysfunction. 2007 , 9, 1038-43	14
477	The energetic state within hibernating myocardium is normal during dobutamine despite inhibition of ATP-dependent potassium channel opening with glibenclamide. 2007 , 293, H2945-51	21
476	The clinical applications of myocardial contrast echocardiography. 2007 , 8, S24-9	16
475	Cardiovascular molecular imaging. 2007 , 244, 337-55	58

474	Coronary Heart Disease Syndromes: Pathophysiology and Clinical Recognition. 2007, 667-698		1
473	Good collaterals predict viable myocardium. 2007 , 58, 550-5		17
472	PET scan before CABG in diabetes. 2007 , 7, 32-37		1
471	Assessment of myocardial viability in patients with heart failure. 2007 , 48, 1135-46		102
470	Contrast-enhanced cardiovascular magnetic resonance in primary and ischemic dilated cardiomyopathy. 2007 , 8, 821-9		25
469	Cardiologie nuclāire. 2007 , 2, 1-26		
468	Revascularization for heart failure. American Heart Journal, 2007, 153, 65-73	4.9	55
467	Reimplantation of anomalous left coronary artery from the pulmonary artery without mitral valve repair. 2007 , 84, 619-23; discussion 623		32
466	Calcific aortic stenosis: an update. 2007 , 4, 254-62		110
465	Surgery for myocardial salvage in acute myocardial infarction and acute coronary syndromes. 2007 , 3, 181-210		8
464	Contrast-enhanced magnetic resonance imaging in the assessment of myocardial infarction and viability. 2007 , 15, 105-105		
463	La rEerve contractile myocardique: Comparaison des mEhodes dDaluation: scintigraphie, Ehographie de stress et IRM de contraste : lIhdication diffEe aussi selon le type de cardiopathie. 2007 , 2007, 19-24		
462	Delayed contrast enhancement magnetic resonance imaging for the assessment of cardiac disease. 2007 , 16, 70-8		23
461	The Usefulness of Intracoronary Electrocardiography during Primary Percutaneous Coronary Intervention in Patients with Acute Myocardial Infarction. 2007 , 37, 148		
460	Pacing for Atrioventricular Conduction System Disease. 2007 , 429-472		1
459	Schlussfolgerungen. 2007,		
458	Quantitation of infarct size in patients with chronic coronary artery disease using rest-redistribution Tl-201 myocardial perfusion SPECT: correlation with contrast-enhanced cardiac magnetic resonance. 2007 , 14, 59-67		6
457	Thirty-four years of hibernating myocardium: a case report. 2007 , 14, 745-9		

456	The acute cardiac effects of dialysis. 2007 , 20, 220-8	98
455	Therapeutic potential of H11 kinase for the ischemic heart. 2007 , 25, 14-29	26
454	The surgical treatment of end-stage heart failure. 2007 , 32, 553-99	8
453	Fisiopatologa del miocardio isquínico. Importancia de la frecuencia cardiaca. 2007 , 7, 19D-25D	1
452	Structural remodelling of cardiomyocytes in the border zone of infarcted rabbit heart. 2007, 302, 225-32	24
451	Contrast-enhanced magnetic resonance imaging in the assessment of myocardial infarction and viability. 2008 , 15, 105-17	42
450	Myocardial viability: strengthening the evidence base. 2008, 35, 2035-7	
449	Hibernating myocardium: a mitochondrial adaptation that may be destined to heart failure. 2008, 1, 328-31	2
448	Comparison of cardiovascular magnetic resonance of late gadolinium enhancement and diastolic wall thickness to predict recovery of left ventricular function after coronary artery bypass surgery. 2008 , 10, 41	20
447	Flow-function relationships in chronic left-ventricular ischemic dysfunction: Impact of the transmurality of infarction. 2008 , 15, 363-74	2
446	Lack of pathologic Q waves: a specific marker of viability in myocardial hibernation. 2008, 31, 372-7	3
445	The structural characteristics of the heart ventricle of the African lungfish Protopterus dolloi: freshwater and aestivation. 2008 , 213, 106-19	29
444	Effect of percutaneous coronary intervention on coronary blood flow at rest in myocardial sites remote from the intervention site in patients with stable angina pectoris. 2008 , 101, 776-9	40
443	Failure is an option: learning from unsuccessful proof-of-concept trials. 2008, 13, 913-6	26
442	Valoracifi de la viabilidad miocfidica mediante gated-SPECT de perfusifi miocfidica. 2008 , 8, 35B-48B	
441	Chronic ischemic left ventricular dysfunction: from pathophysiology to imaging and its integration into clinical practice. 2008 , 1, 536-55	36
440	Assessment of myocardial viability: comparison of echocardiography versus cardiac magnetic resonance imaging in the current era. 2008 , 17, 173-85	23
439	Cardiomyocyte death and renewal in the normal and diseased heart. 2008 , 17, 349-74	118

(2009-2008)

438	The relationship between left ventricular ejection fraction and infarct size assessed by MRI. 2008 , 42, 137-45	11
437	Functional recovery of chronic ischemic myocardium after surgical revascularization correlates with magnitude of oxidative metabolism. 2008 , 110, 174-81	4
436	Infarct size by contrast enhanced cardiac magnetic resonance is a stronger predictor of outcomes than left ventricular ejection fraction or end-systolic volume index: prospective cohort study. 2008 , 94, 730-6	312
435	Hibernating myocardium: is the program to survive a pathway to failure?. 2008, 102, 3-5	18
434	Cardiac metabolism in myocardial ischemia. 2008 , 14, 2551-62	77
433	Modulation of cardiac metabolism during myocardial ischemia. 2008 , 14, 2563-71	3
432	Diagnostic and prognostic value of cardiac magnetic resonance imaging in assessing myocardial viability. 2008 , 19, 15-24	35
431	Relationship between post-systolic motion during dobutamine stress echocardiography and functional recovery of myocardium after successful percutaneous coronary intervention. 2009 , 39, 477-81	2
430	Effect of revascularizing viable myocardium on left ventricular diastolic function in patients with ischaemic cardiomyopathy. 2009 , 30, 1501-9	27
429	Role of echocardiography in the assessment of myocardial viability. 2009 , 337, 349-54	12
428	The cornucopia of "pleiotropic" actions of statins: myogenesis as a new mechanism for statin-induced benefits?. 2009 , 104, 144-6	8
427	Assessment of myocardial ischemia and viability using cardiac magnetic resonance. 2009 , 6, 142-53	19
426	Incremental prognostic value of cardiac single-photon emission computed tomography after nitrate administration in patients with ischemic left ventricular dysfunction. 2009 , 16, 38-44	9
425	Agreement and disagreement between contrast-enhanced magnetic resonance imaging and nuclear imaging for assessment of myocardial viability. 2009 , 36, 594-601	34
424	Nuclear cardiology and heart failure. 2009 , 36, 2068-80	8
423	Recent advances in the assessment of myocardial viability. 2009 , 36, 1892-5	2
422	Anti-hypoxic effect of ginsenoside Rbl on neonatal rat cardiomyocytes is mediated through the specific activation of glucose transporter-4 ex vivo. 2009 , 30, 396-403	24
421	Relationship between myocardial viability and coronary run-off in jeopardized myocardium. 2009 , 24, 490-4	

420	Hibernating myocardium: pathophysiology, diagnosis, and treatment. 2009 , 87, 252-65	28
419	Cardiotin localization in mitochondria of cardiomyocytes in vivo and in vitro and its down-regulation during dedifferentiation. 2009 , 18, 19-27	2
418	Myocardial Viability. 2009 , 273-294	3
417	Nuclear imaging in heart failure. 2009 , 27, 265-76, Table of Contents	4
416	PET Radiotracers of the Cardiovascular System. 2009 , 4, 69-87	6
415	Cardiovascular Magnetic Resonance: Evaluation of Myocardial Function, Perfusion, and Viability. 2010 , 196-245	
414	Viability assessment with MRI is superior to FDG-PET for viability: Pro. 2010 , 17, 292-7	8
413	Viability assessment with MRI is superior to FDG-PET for viability: Con. 2010 , 17, 298-309	8
412	Is detection of hibernating myocardium necessary in deciding revascularization in systolic heart failure?. 2010 , 106, 236-42	6
411	[Assessment of myocardial viability in postinfarction and indications of revascularization]. 2010 , 59, 79-85	
410	Imaging the Failing Heart. 2010 , 45-81	
409	Relation between regional and global systolic function in patients with ischemic cardiomyopathy after beta-blocker therapy or revascularization. 2010 , 12, 7	5
408	The role of imaging and molecular imaging in the early detection of metabolic and cardiovascular dysfunctions. 2010 , 34 Suppl 2, S67-81	4
407	. 2010,	
406	Assessment of Myocardial Viability with Thallium-201 and Technetium-Based Agents. 2010 , 594-607	
405	Heart Failure in Clinical Practice. 2010 ,	4
404	ACCF/ACR/AHA/NASCI/SCMR 2010 expert consensus document on cardiovascular magnetic resonance: a report of the American College of Cardiology Foundation Task Force on Expert Consensus Documents. 2010 , 121, 2462-508	248
403	Controversies in cardiovascular medicine: Chronic stable coronary artery disease: drugs vs. revascularization. 2010 , 31, 530-41	60

402 European Perspectives. 2010, 121,

ACCF/ACR/AHA/NASCJ/SCMR 2010 expert consensus document on cardiovascular magnetic resonance: a report of the American College of Cardiology Foundation Task Force on Expert Consensus Documents. 2010, 53, 2614-62 400 Left ventricular function in acute myocardial infarction treated with thrombolysis followed by early versus late invasive strategy. American Heart Journal, 2010, 160, 73-9 399 Clinical relevance of hibernating myocardium in ischemic left ventricular dysfunction. 2010, 123, 978-86 340 Acute kidney injury: lessons from experimental models. 2011, 169, 286-296 397 Clobal longitudinal speckle-tracking strain is predictive of left ventricular remodeling after coronary angioplasty in patients with recent non-51 elevation myocardial infarction. 2011, 153, 185-91 398 Metabolic homeostasis is maintained in myocardial hibernation by adaptive changes in the transcriptome and proteome. 2011, 50, 982-90 399 Cardiac abnormalities in severe acute dichlorvos poisoning. 2011, 39, 1906-12 390 Teach Reart Disease. 2011, 203-273 391 Schemic Heart Disease. 2011, 203-273 392 PET and PET/CT in cardiovascular disease. 2011, 1228, 109-36 393 Stress echocardiography for the detection and assessment of coronary artery disease. 2011, 118, 501-15 394 Typirid approach of ventricular assist device and autologous bone marrow stem cells implantation in end-stage ischemic heart failure enhances myocardial reperfusion. 2011, 9, 12 385 Coronary revascularization strategies in patients with chronic heart failure. 2011, 3, 91-100 388 Myocardial perfusion reserve after a PET-driven revascularization procedure: a strong prognostic factor. 2011, 52, 873-9 386 Echocardiographic demonstration of improved myocardial function early after coronary artery bypass graft surgery. 2011, 12, 946-51 387 Hyperpolarized magnetic resonance: a novel technique for the in vivo assessment of cardiovascular disease. 2011, 124, 1580-94	resonance: a report of the American College of Cardiology Foundation Task Force on Expert Consensus Documents. 2010, 55, 2614-62 400 Left ventricular function in acute myocardial infarction treated with thrombolysis followed by early versus late invasive strategy. American Heart Journal, 2010, 160, 73-9 399 Clinical relevance of hibernating myocardium in ischemic left ventricular dysfunction. 2010, 123, 978-86 340 398 Acute kidney injury: lessons from experimental models. 2011, 169, 286-296 499 390 Clobal longitudinal speckle-tracking strain is predictive of left ventricular remodeling after coronary angioplasty in patients with recent non-ST elevation myocardial infarction. 2011, 153, 185-91 390 Metabolic homeostasis is maintained in myocardial hibernation by adaptive changes in the transcriptome and proteome. 2011, 50, 982-90 391 Schemic Heart Disease. 2011, 203-273 392 PET and PET/CT in cardiovascular disease. 2011, 1228, 109-36 393 Ocnitinued depression of maximal oxygen consumption and mitochondrial proteomic expression despite successful coronary artery bypass grafting in a swine model of hibernation. 2011, 141, 261-8 391 Stress echocardiography for the detection and assessment of coronary artery disease. 2011, 18, 501-15 392 Hybrid approach of ventricular assist device and autologous bone marrow stem cells implantation in end-stage ischemic heart failure enhances myocardial reperfusion. 2011, 9, 12 383 Coronary revascularization strategies in patients with chronic heart failure. 2011, 3, 91-100 384 Pyocardial perfusion reserve after a PET-driven revascularization procedure: a strong prognostic factor. 2011, 52, 873-9 385 Echocardiographic demonstration of improved myocardial function early after coronary artery bypass graft surgery. 2011, 12, 946-51 486 Hyperpolarized magnetic resonance: a novel technique for the in vivo assessment of cardiovascular	1		
Clinical relevance of hibernating myocardium in ischemic left ventricular dysfunction. 2010, 123, 978-86 Acute kidney injury: lessons from experimental models. 2011, 169, 286-296 49 Cliobal longitudinal speckle-tracking strain is predictive of left ventricular remodeling after coronary angioplasty in patients with recent non-ST elevation myocardial infarction. 2011, 153, 185-91 396 Metabolic homeostasis is maintained in myocardial hibernation by adaptive changes in the transcriptome and proteome. 2011, 50, 982-90 397 Cardiac abnormalities in severe acute dichlorvos poisoning. 2011, 39, 1906-12 70 398 Cardiac abnormalities in severe acute dichlorvos poisoning. 2011, 39, 1906-12 71 399 Continued depression of maximal oxygen consumption and mitochondrial proteomic expression despite successful coronary artery bypass grafting in a swine model of hibernation. 2011, 141, 261-8 399 Stress echocardiography for the detection and assessment of coronary artery disease. 2011, 18, 501-15 390 Hybrid approach of ventricular assist device and autologous bone marrow stem cells implantation in end-stage ischemic heart failure enhances myocardial reperfusion. 2011, 9, 12 389 Coronary revascularization strategies in patients with chronic heart failure. 2011, 3, 91-100 Myocardial perfusion reserve after a PET-driven revascularization procedure: a strong prognostic factor. 2011, 52, 873-9 87 Echocardiographic demonstration of improved myocardial function early after coronary artery bypass graft surgery. 2011, 12, 946-51 386 Hyperpolarized magnetic resonance: a novel technique for the in vivo assessment of cardiovascular disease. 2011, 124, 1580-94	490 versus late invasive strategy. American Heart Journal, 2010, 160, 73-9 390 Clinical relevance of hibernating myocardium in ischemic left ventricular dysfunction. 2010, 123, 978-86 391 392 Acute kidney injury: lessons from experimental models. 2011, 169, 286-296 392 Clobal longitudinal speckle-tracking strain is predictive of left ventricular remodeling after coronary angioplasty in patients with recent non-ST elevation myocardial infarction. 2011, 153, 185-91 393 Metabolic homeostasis is maintained in myocardial hibernation by adaptive changes in the transcriptome and proteome. 2011, 50, 982-90 395 Cardiac abnormalities in severe acute dichlorvos poisoning. 2011, 39, 1908-12 70 Tand PET/CT in cardiovascular disease. 2011, 1228, 109-36 394 Ischemic Heart Disease. 2011, 203-273 395 Continued depression of maximal oxygen consumption and mitochondrial proteomic expression despite successful coronary artery bypass grafting in a swine model of hibernation. 2011, 141, 261-8 396 Stress echocardiography for the detection and assessment of coronary artery disease. 2011, 18, 501-15 397 Hybrid approach of ventricular assist device and autologous bone marrow stem cells implantation in end-stage ischemic heart failure enhances myocardial reperfusion. 2011, 9, 12 388 Coronary revascularization strategies in patients with chronic heart failure. 2011, 3, 91-100 388 Myocardial perfusion reserve after a PET-driven revascularization procedure: a strong prognostic factor. 2011, 52, 873-9 389 Echocardiographic demonstration of improved myocardial function early after coronary artery bypass graft surgery. 2011, 12, 946-51 490 Hyberpolarized magnetic resonance: a novel technique for the in vivo assessment of cardiovascular disease. 2011, 124, 1580-94	401	resonance: a report of the American College of Cardiology Foundation Task Force on Expert	461
Acute kidney injury: lessons from experimental models. 2011, 169, 286-296 Global longitudinal speckle-tracking strain is predictive of left ventricular remodeling after coronary angioplasty in patients with recent non-ST elevation myocardial infarction. 2011, 153, 185-91 39 Metabolic homeostasis is maintained in myocardial hibernation by adaptive changes in the transcriptome and proteome. 2011, 50, 982-90 22 Cardiac abnormalities in severe acute dichlorvos poisoning. 2011, 39, 1906-12 7 Ischemic Heart Disease. 2011, 203-273 PET and PET/CT in cardiovascular disease. 2011, 1228, 109-36 29 Continued depression of maximal oxygen consumption and mitochondrial proteomic expression despite successful coronary artery bypass grafting in a swine model of hibernation. 2011, 141, 261-8 391 Stress echocardiography for the detection and assessment of coronary artery disease. 2011, 18, 501-15 7 Hybrid approach of ventricular assist device and autologous bone marrow stem cells implantation in end-stage ischemic heart failure enhances myocardial reperfusion. 2011, 9, 12 389 Coronary revascularization strategies in patients with chronic heart failure. 2011, 3, 91-100 Myocardial perfusion reserve after a PET-driven revascularization procedure: a strong prognostic factor. 2011, 52, 873-9 86 Myocardial perfusion reserve after a PET-driven revascularization procedure: a strong prognostic factor. 2011, 52, 873-9 87 Echocardiographic demonstration of improved myocardial function early after coronary artery bypass graft surgery. 2011, 12, 946-51 386 Hyperpolarized magnetic resonance: a novel technique for the in vivo assessment of cardiovascular disease. 2011, 124, 1580-94	Acute kidney injury: lessons from experimental models. 2011, 169, 286-296 Global longitudinal speckle-tracking strain is predictive of left ventricular remodeling after coronary angioplasty in patients with recent non-ST elevation myocardial infarction. 2011, 153, 185-91 Metabolic homeostasis is maintained in myocardial hibernation by adaptive changes in the transcriptome and proteome. 2011, 50, 982-90 Cardiac abnormalities in severe acute dichlorvos poisoning. 2011, 39, 1906-12 7 Joseph PET and PET/CT in cardiovascular disease. 2011, 1228, 109-36 Continued depression of maximal oxygen consumption and mitochondrial proteomic expression despite successful coronary artery bypass grafting in a swine model of hibernation. 2011, 141, 261-8 Stress echocardiography for the detection and assessment of coronary artery disease. 2011, 18, 501-15 Hybrid approach of ventricular assist device and autologous bone marrow stem cells implantation in end-stage ischemic heart failure enhances myocardial reperfusion. 2011, 9, 12 Myocardial perfusion reserve after a PET-driven revascularization procedure: a strong prognostic factor. 2011, 52, 873-9 Myocardial perfusion reserve after a PET-driven revascularization procedure: a strong prognostic factor. 2011, 52, 873-9 Associated in the procedure of improved myocardial function early after coronary artery bypass graft surgery. 2011, 12, 946-51 Hyperpolarized magnetic resonance: a novel technique for the in vivo assessment of cardiovascular disease. 2011, 124, 1580-94	400		7
Global longitudinal speckle-tracking strain is predictive of left ventricular remodeling after coronary angioplasty in patients with recent non-ST elevation myocardial infarction. 2011, 153, 185-91 396 Metabolic homeostasis is maintained in myocardial hibernation by adaptive changes in the transcriptome and proteome. 2011, 50, 982-90 227 398 Cardiac abnormalities in severe acute dichlorvos poisoning. 2011, 39, 1906-12 399 Ischemic Heart Disease. 2011, 203-273 390 PET and PET/CT in cardiovascular disease. 2011, 1228, 109-36 291 Continued depression of maximal oxygen consumption and mitochondrial proteomic expression despite successful coronary artery bypass grafting in a swine model of hibernation. 2011, 141, 261-8 391 Stress echocardiography for the detection and assessment of coronary artery disease. 2011, 18, 501-15 392 Hybrid approach of ventricular assist device and autologous bone marrow stem cells implantation in end-stage ischemic heart failure enhances myocardial reperfusion. 2011, 9, 12 388 Coronary revascularization strategies in patients with chronic heart failure. 2011, 3, 91-100 388 Myocardial perfusion reserve after a PET-driven revascularization procedure: a strong prognostic factor. 2011, 52, 873-9 Echocardiographic demonstration of improved myocardial function early after coronary artery bypass graft surgery. 2011, 12, 946-51 Hyperpolarized magnetic resonance: a novel technique for the in vivo assessment of cardiovascular disease. 2011, 124, 1580-94	Global longitudinal speckle-tracking strain is predictive of left ventricular remodeling after coronary angioplasty in patients with recent non-ST elevation myocardial infarction. 2011, 153, 185-91 396 Metabolic homeostasis is maintained in myocardial hibernation by adaptive changes in the transcriptome and proteome. 2011, 50, 982-90 397 Cardiac abnormalities in severe acute dichlorvos poisoning. 2011, 39, 1906-12 398 Jischemic Heart Disease. 2011, 203-273 399 PET and PET/CT in cardiovascular disease. 2011, 1228, 109-36 390 Continued depression of maximal oxygen consumption and mitochondrial proteomic expression despite successful coronary artery bypass grafting in a swine model of hibernation. 2011, 141, 261-8 390 Stress echocardiography for the detection and assessment of coronary artery disease. 2011, 18, 501-15 390 Hybrid approach of ventricular assist device and autologous bone marrow stem cells implantation in end-stage ischemic heart failure enhances myocardial reperfusion. 2011, 9, 12 380 Coronary revascularization strategies in patients with chronic heart failure. 2011, 3, 91-100 381 Myocardial perfusion reserve after a PET-driven revascularization procedure: a strong prognostic factor. 2011, 52, 873-9 Echocardiographic demonstration of improved myocardial function early after coronary artery bypass graft surgery. 2011, 12, 946-51 Hyperpolarized magnetic resonance: a novel technique for the in vivo assessment of cardiovascular disease. 2011, 124, 1580-94	399	Clinical relevance of hibernating myocardium in ischemic left ventricular dysfunction. 2010 , 123, 978-86	34
397 coronary angioplasty in patients with recent non-ST elevation myocardial infarction. 2011, 153, 185-91 398 Metabolic homeostasis is maintained in myocardial hibernation by adaptive changes in the transcriptome and proteome. 2011, 50, 982-90 399 Cardiac abnormalities in severe acute dichlorvos poisoning. 2011, 39, 1906-12 390 Ischemic Heart Disease. 2011, 203-273 391 PET and PET/CT in cardiovascular disease. 2011, 1228, 109-36 392 Continued depression of maximal oxygen consumption and mitochondrial proteomic expression despite successful coronary artery bypass grafting in a swine model of hibernation. 2011, 141, 261-8 390 Stress echocardiography for the detection and assessment of coronary artery disease. 2011, 18, 501-15 390 Hybrid approach of ventricular assist device and autologous bone marrow stem cells implantation in end-stage ischemic heart failure enhances myocardial reperfusion. 2011, 9, 12 380 Coronary revascularization strategies in patients with chronic heart failure. 2011, 3, 91-100 388 Myocardial perfusion reserve after a PET-driven revascularization procedure: a strong prognostic factor. 2011, 52, 873-9 380 Echocardiographic demonstration of improved myocardial function early after coronary artery bypass graft surgery. 2011, 12, 946-51 381 Hyperpolarized magnetic resonance: a novel technique for the in vivo assessment of cardiovascular disease. 2011, 124, 1580-94	397 coronary angioplasty in patients with recent non-ST elevation myocardial infarction. 2011, 153, 185-91 396 Metabolic homeostasis is maintained in myocardial hibernation by adaptive changes in the transcriptome and proteome. 2011, 50, 982-90 395 Cardiac abnormalities in severe acute dichlorvos poisoning. 2011, 39, 1906-12 396 Jischemic Heart Disease. 2011, 203-273 397 PET and PET/CT in cardiovascular disease. 2011, 1228, 109-36 398 Continued depression of maximal oxygen consumption and mitochondrial proteomic expression despite successful coronary artery bypass grafting in a swine model of hibernation. 2011, 141, 261-8 399 Stress echocardiography for the detection and assessment of coronary artery disease. 2011, 18, 501-15 390 Hybrid approach of ventricular assist device and autologous bone marrow stem cells implantation in end-stage ischemic heart failure enhances myocardial reperfusion. 2011, 9, 12 389 Coronary revascularization strategies in patients with chronic heart failure. 2011, 3, 91-100 388 Myocardial perfusion reserve after a PET-driven revascularization procedure: a strong prognostic factor. 2011, 52, 873-9 387 Echocardiographic demonstration of improved myocardial function early after coronary artery bypass graft surgery. 2011, 12, 946-51 409 409 409 409 409 409 409 409 409 409	398	Acute kidney injury: lessons from experimental models. 2011 , 169, 286-296	49
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age. Languterm preservation of myocardial energetic in chronic hibernating myocardium. 2011 , 300, H836-44.	385 Long-term preservation of myocardial energetic in chronic hibernating myocardium. 2011 , 300, H836-44 6	386		102
305 Long-term preservation of myocardiat energetic in thronic moethating myocardidin. 2011, 300, 11030-44		385	Long-term preservation of myocardial energetic in chronic hibernating myocardium. 2011, 300, H836-44	6

384	The representative porcine model for human cardiovascular disease. 2011 , 2011, 195483	63
383	Tc-99m glucoheptonate is poor man's fluorodeoxyglucose. 2011 , 26, 165-70	2
382	Revascularization in patients with chronic ischaemic myocardial dysfunction: insights from cardiovascular magnetic resonance imaging. 2012 , 13, 985-90	7
381	Cardiologie nuclāire. 2012 , 7, 1-26	1
380	Imaging in heart failure. 2012 , 34-45	
379	Why are We Interested in Viability?. 2012 , 155-171	
378	Myocardial reverse remodeling. 2012 , 30, 172-81	69
377	Predictive value of left ventricular remodeling by area strain based on three-dimensional wall-motion tracking after PCI in patients with recent NSTEMI. 2012 , 38, 1491-501	6
376	Discrepancy between myocardial perfusion and fatty acid metabolism following acute myocardial infarction for evaluating the dysfunctional viable myocardium. 2012 , 64, 16-22	1
375	Late gadolinium enhancement by cardiovascular magnetic resonance is complementary to left ventricle ejection fraction in predicting prognosis of patients with stable coronary artery disease. 2012 , 14, 29	26
374	Myocardial viability imaging: dead or alive?. 2012 , 59, 836-7	4
373	Myocardial Ischemia & Viability. 2012 , 59-67	
372	F-18 fluorodeoxyglucose uptake and water-perfusable tissue fraction in assessment of myocardial viability. 2012 , 26, 644-55	8
371	Assessing Myocardial Viability in Patients with Ischemic Left Ventricular Dysfunction. 2012 , 5, 390-392	
370	Cardiac Imaging in Electrophysiology. 2012 ,	
369	Management of Myocardial Reperfusion Injury. 2012,	88
368	Physiological implications of hydrogen sulfide: a whiff exploration that blossomed. 2012 , 92, 791-896	1304
367	Assessment of recanalization of chronic total occlusions on left ventricular function in patients with or without previous myocardial infarction by real-time three-dimensional echocardiography. 2012 , 62, 83-6	4

349

366 Bases physiopathologiques de la sidfation myocardique. 2012, 21, 325-330 Noninvasive assessment myocardial viability: current status and future directions. 2013, 20, 618-37; 365 44 quiz 638-9 364 The Role of Cardiac Nuclear Imaging in Heart Failure. 2013, 53-64 Myocardial Viability. 2013, 241-247 363 The physiological significance of a coronary stenosis differentially affects contractility and 362 10 mitochondrial function in viable chronically dysfunctional myocardium. 2013, 108, 354 A comprehensive 3-D framework for automatic quantification of late gadolinium enhanced cardiac 361 magnetic resonance images. 2013, 60, 1499-508 360 Imaging: myocardial thinning is not always transmural scarring. 2013, 10, 370-1 1 ST-Segment Elevation Myocardial Infarction. **2013**, 178-213 359 Non-invasive imaging in detecting myocardial viability: Myocardial function versus perfusion. 2014, 358 10 5, 51-56 Comprehensive evaluation of hibernating myocardium: use of noninvasive imaging. 2014, 29, 134-46 357 Hypericin as a marker for determination of myocardial viability in a rat model of myocardial 356 11 infarction. 2014, 90, 867-72 Myocardial viability: it is still alive. 2014, 44, 358-74 355 20 New vessel formation in the context of cardiomyocyte regeneration--the role and importance of an 354 12 adequate perfusing vasculature. 2014, 13, 666-82 Chronic hibernating myocardium in sheep can occur without degenerating events and is reversed 353 4 after revascularization. 2014, 23, 160-8 Cardiac radionuclide imaging to assess patients with heart failure. 2014, 44, 294-313 352 21 SPECT and PET Protocols for Imaging Myocardial Viability. 2014, 7, 1 351 Surgical Revascularization for Ischemic Cardiomyopathy in the Post-STICH Era. 2015, 23, 153-60 350 3

Echocardiographic Evaluation of Coronary Artery Disease. 2015, 217-252

348	The Recovery of Hibernating Hearts Lies on a Spectrum: from Bears in Nature to Patients with Coronary Artery Disease. 2015 , 8, 244-52	9
347	Recovery of hibernating myocardium: what is the role of surgical revascularization?. 2015 , 30, 224-31	13
346	Myocardial viability. 2015 , 327-365	
345	Mitochondrial fusion proteins in revascularized hibernating hearts. 2015 , 195, 29-36	6
344	Coronary Heart Disease Syndromes: Pathophysiology and Clinical Recognition. 2015, 365-407	3
343	Angina in revascularization of ischemic cardiomyopathy: the whole quilt, or just a STICH?. 2015 , 66, 2101-2103	3 3
342	Expression of uncoupling protein-2 remains increased within hibernating myocardium despite successful coronary artery bypass grafting at 4′wk post-revascularization. 2015 , 193, 15-21	11
341	Comprehensive Management of High Risk Cardiovascular Patients. 2016,	1
340	Myocardial Viability: From Proof of Concept to Clinical Practice. 2016 , 2016, 1020818	7
339	2D speckle tracking echocardiography for the assessment of regional contractile reserve after myocardial infarction. 2016 , 17, 374-81	4
338	Ischemia/Reperfusion. 2016 , 7, 113-170	354
337	Should Chronic Total Occlusion Be Treated With Coronary Artery Bypass Grafting? Chronic Total Occlusion Should Be Treated With Coronary Artery Bypass Grafting. 2016 , 133, 1807-16	9
336	Myocardial Viability and Revascularization: Current Understanding and Future Directions. 2016, 18, 32	8
335	Why So Few New Cardiovascular Drugs Translate to the Clinics. 2016 , 119, 714-7	14
334	Cardiac Strain in a Swine Model of Regional Hibernating Myocardium: Effects of CoQ10 on Contractile Reserve Following Bypass Surgery. 2016 , 9, 368-73	2
333	Proteomic Profiling Reveals Adaptive Responses to Surgical Myocardial Ischemia-Reperfusion in Hibernating Arctic Ground Squirrels Compared to Rats. 2016 , 124, 1296-310	19
332	Role of PET-CT in the assessment of myocardial viability in patients with left ventricular dysfunction. 2016 , 68, 693-699	5
331	Ischaemic cardiomyopathy: pathophysiology, assessment and the role of revascularisation. 2016 , 102, 397-406	32

330	Magnetic resonance imaging assessment of cardiac function in a swine model of hibernating myocardium 3´months following bypass surgery. 2017 , 153, 582-590	9
329	Left ventricular wall motion abnormalities are associated with stroke recurrence. 2017 , 88, 586-594	20
328	Chronic Myocardial Ischemia Leads to Loss of Maximal Oxygen Consumption and Complex I Dysfunction. 2017 , 104, 1298-1304	7
327	Surgical Revascularization in Older Adults with Ischemic Cardiomyopathy. 2017 , 13, 571-580	4
326	Heart Failure with Myocardial Recovery - The Patient Whose Heart Failure Has Improved: What Next?. 2017 , 60, 226-236	16
325	Invited Commentary. 2017 , 104, 1304-1305	
324	Characterization of viability, scarring and hibernation of the myocardium supplied by epicardial coronary arteries with low flow grades. 2017 , 38, 657-665	2
323	The role of myocardial viability in contemporary cardiac practice. 2017 , 22, 401-413	12
322	Xe chemical shift in human blood and pulmonary blood oxygenation measurement in humans using hyperpolarized Xe NMR. 2017 , 77, 1399-1408	27
321	Gated metabolic myocardial imaging, a surrogate for dual perfusion-metabolism imaging by positron emission tomography. 2017 , 4, e000581	1
320	Reperfusion Damage - A Story of Success, Failure, and Hope. 2017 , 81, 131-141	31
319	Value of mitral annular plane systolic excursion in the assessment of contractile reserve in patients with ischemic cardiomyopathy before cardiac revascularization. 2018 , 70, 373-378	O
318	Surgical Swine Model of Chronic Cardiac Ischemia Treated by Off-Pump Coronary Artery Bypass Graft Surgery. 2018 ,	2
317	Viability testing to guide myocardial revascularisation in patients with heart failure. 2018 , 34, 206-212	O
316	Myocardial viability-State of the art: Is it still relevant and how to best assess it with imaging?. 2018 , 28, 24-37	22
315	Current interpretation of myocardial stunning. 2018 , 28, 263-271	16
314	Editorial commentary: Interpreting and dealing with myocardial stunning. 2018, 28, 272-273	О
313	Identifying and Managing Hibernating Myocardium: What's New and What Remains Unknown?. 2018 , 15, 214-223	13

312	Impact of Coronary Artery Chronic Total Occlusion on Arrhythmic and Mortality Outcomes: A Systematic Review and Meta-Analysis. 2018 , 4, 1214-1223	20
311	Evolutionary Aspects of Cardioprotection. 2018 , 54, 8-21	4
310	Systemic Ventricular Dysfunction Between Stage One and Stage Two Palliation. 2018, 39, 1514-1522	O
309	No differences in rest myocardial blood flow in stunned and hibernating myocardium: insights into the pathophysiology of ischemic cardiomyopathy. 2019 , 46, 2322-2328	5
308	Assessment of myocardial viability using a [O]-water perfusion PET: Towards a one-stop shop?. 2021 , 28, 1281-1283	
307	Evaluacifi de viabilidad miocfidica por Medicina nuclear. 2019 , 26, 31-38	
306	Myocardial Viability. 2019 , 262-281.e3	
305	Chronic Chest Pain. 2019 , 319-329	
304	Mitochondrial Respiratory Capacity is Restored in Hibernating Cardiomyocytes Following Co-Culture with Mesenchymal Stem Cells. 2019 , 11, 2155179019834938	5
303	Viabilidad miocEdica: multimodalidad [resonancia magnEica cardEica. 2019 , 26, 39-45	
302	Myocardial Hibernation. 2019 , 185-202	
301	A "Hibernating-Like" Viable State Induced by Lentiviral Vector-Mediated Pigment Epithelium-Derived Factor Overexpression in Rat Acute Ischemic Myocardium. 2019 , 30, 762-776	3
300	CoQ enhances PGC1\(\text{\text{\text{\text{B}}}}\)nd increases expression of mitochondrial antioxidant proteins in chronically ischemic swine myocardium. 2019 , 16, 92	5
299	Chronic total occlusion without collateral blood flow does not exclude myocardial viability and subsequent recovery after revascularization. 2019 , 26, 1731-1733	4
298	Mechanically supported PCI for ischemic cardiomyopathy reawakening of hibernating myocardium. 2020 , 96, 771-772	0
297	Insights of heat shock protein 22 in the cardiac protection against ischemic oxidative stress. 2020 , 34, 101555	7
296	Is what you see what you get?. 2020 , 1	
295	Evidence-based Positron Emission Tomography. 2020 ,	1

294	Stunned and Hibernating Myocardium: Where Are We Nearly 4 Decades Later?. 2020 , 9, e015502	34
293	Impact of guideline-recommended versus non-guideline-recommended Eblocker and Doppler echocardiographic parameters on 1-year mortality in Thai ischemic cardiomyopathy patients: A prospective multicenter registry. 2020 , 20, 8	
292	Commentary: Awakening the hibernating myocardium: The pristine business of mesenchymal stem cells. 2021 , 162, e20-e22	1
291	In vivo methods and applications of xenon-129 magnetic resonance. 2021 , 122, 42-62	8
290	Recovery of hibernating myocardium using stem cell patch with coronary bypass surgery. 2021 , 162, e3-e16	5
289	Congestive Heart Failure. 2021 , 1167-1191	
288	Myocardial viability testing: all STICHed up, or about to be REVIVED?. 2021,	4
287	Coronary revascularisation in patients with ischaemic cardiomyopathy. 2021 , 107, 612-618	1
286	Myocardial stunning and hibernation revisited. 2021 , 18, 522-536	19
285	Precision medicine for heart failure based on molecular mechanisms: The 2019 ISHR Research Achievement Award Lecture. 2021 , 152, 29-39	Ο
284	Multimodality imaging of myocardial viability: an expert consensus document from the European Association of Cardiovascular Imaging (EACVI). 2021 , 22, e97-e125	8
283	Relief of Ischemia in Ischemic Cardiomyopathy. 2021 , 23, 80	2
282	Acute Myocardial Infarction: Perspectives on Physiopathology of Myocardial Injury and Protective Interventions.	
281	Prognostic impact of left ventricular ejection fraction recovery in patients with ST-segment elevation myocardial infarction undergoing primary percutaneous coronary intervention: analysis of an 11-year all-comers registry. 2021 , 10, 898-908	1
280	Revelations About Aging and Disease from Unconventional Vertebrate Model Organisms. 2021 , 55, 135-159	1
279	Left ventricular myocardial cellular perfusion against the background of cardiac contractility modulation in patients with heart failure and atrial fibrillation. 2021 , 26, 4238	
278	Myocardial Perfusion and Viability Imaging in Coronary Artery Disease: Clinical Value in Diagnosis, Prognosis, and Therapeutic Guidance. 2021 , 134, 968-975	2
277	The clinical utility of 2-deoxy-2-[18F]fluoro-d-glucose positron emission tomography in guiding myocardial revascularisation. 1	

276	Myocardial Viability Assessment Before Surgical Revascularization in Ischemic Cardiomyopathy: JACC Review Topic of the Week. 2021 , 78, 1068-1077	4
275	Cardiovascular disease. 1999 , 219, 188-206; discussion 206-11	24
274	Ischaemic cardiomyopathy. Pathophysiological insights, diagnostic management and the roles of revascularisation and device treatment. Gaps and dilemmas in the era of advanced technology. 2020 , 22, 789-799	11
273	Calcium, Calcium Antagonists, Stunning, and Hibernation: An Overview. 1992 , 226-234	3
272	Myocardial Stunning and Hibernation: Mechanisms and Clinical Implication. 1992, 251-280	5
271	Clinical Relevance of Myocardial Stunning 1992, 56-82	6
270	Mechanisms of Cardioprotection against Ischemia Reperfusion Injury. 2004 , 303-326	0
269	Gap Junctions and Coronary Heart Disease. 1998 , 175-194	6
268	Human myocardial ATP content and in vivo contractile function. 1998, 171-177	2
267	Pathophysiology and Clinical Recognition of Heart Failure. 2007 , 1379-1396	1
266	The Automatic Identification of Hibernating Myocardium. 2004, 890-898	8
265	A Brief History of Angina Pectoris: Change of Concepts and Ideas. 1990 , 1-9	2
264	Myocardial Metabolism in Ischemia. 1990 , 37-57	3
263	Molecular Background of 18F-2-deoxy-D-glucose (FDG) Uptake in the Ischemic Heart. 2003 , 421-441	1
262	Transmyocardial Laser Revascularisation: Clinical Observations Concerning the Use of an Excimer Laser System. 1998 , 201-213	2
261	Calciumantagonisten bei experimenteller Myokardischfhie und Reperfusion. 1996 , 57-119	1
260	Akuter Myokardinfarkt. 2000 , 393-442	1
259	Cellular Adaptation in Hibernating Myocardium in the Human. 1994 , 85-99	3

258	CoronaryWentricular Interaction: The Gregg Phenomenon. 1997 , 321-332	5
257	Assessment of Myocardial Viability with PET. 1996 , 25-34	1
256	Assessment of Myocardial Viability by Magnetic Resonance Imaging Techniques. 1995 , 117-128	О
255	Positron Emission Tomography Assessment of Myocardial Viability. 1995 , 25-35	1
254	The cardiac surgeon viewpoint of myocardial viability. 1994 , 163-178	1
253	Severe ischemic injury and the oxygen paradox. 1993 , 41-66	1
252	Identification of viable myocardium: dobutamine echocardiography versus positron emission tomography. 1993 , 143-157	1
251	Hibernating and stunned myocardium: Pathophysiological considerations. 2000 , 1-20	1
250	Role of apoptosis in myocardial hibernation and myocardial stunning. 2000 , 21-45	1
249	Myocardial imaging by color-Doppler coded velocity mapping Ifrom regional contraction to tissue characterization?. 1993 , 375-399	2
248	Left ventricular dysfunction due to the new ischemic outcomes: stunning and hibernation. 1996 , 28 Suppl 1, S18-26	5
247	Left Ventricular Dysfunction Due to the New Ischemic Outcomes. 1996 , 28, 18-26	11
246	Ischemia and Left Ventricular Dysfunction. 1998 , 32, S46-S51	19
245	Norepinephrine release is increased in the hibernating heart, studied in a chronic canine model of myocardial hibernation. 2000 , 36 Suppl 2, S35-41	6
244	Dobutamine echocardiography predicts improvement of hypoperfused dysfunctional myocardium after revascularization in patients with coronary artery disease. 1995 , 91, 2556-65	173
243	Dobutamine echocardiography in myocardial hibernation. Optimal dose and accuracy in predicting recovery of ventricular function after coronary angioplasty. 1995 , 91, 663-70	372
242	Relation between thallium uptake and contractile response to dobutamine. Implications regarding myocardial viability in patients with chronic coronary artery disease and left ventricular dysfunction. 1995 , 91, 990-8	122
241	Is 31P-NMR spectroscopic imaging a viable approach to assess myocardial viability?. 1995 , 92, 9-10	25

240	Comparison of myocardial contrast echocardiography and low-dose dobutamine stress echocardiography in predicting recovery of left ventricular function after coronary revascularization in chronic ischemic heart disease. 1995 , 92, 2863-8	128
239	Incremental doses of dobutamine induce a biphasic response in dysfunctional left ventricular regions subtending coronary stenoses. 1995 , 92, 756-66	105
238	Preoperative selection of patients with severely impaired left ventricular function for coronary revascularization. Role of low-dose dobutamine echocardiography and exercise-redistribution-reinjection thallium SPECT. 1995 , 92, II37-44	62
237	Metabolic adaptation during a sequence of no-flow and low-flow ischemia. A possible trigger for hibernation. 1996 , 94, 2587-96	48
236	Identification of viable myocardium. 1996 , 94, 2674-80	193
235	Hibernating myocardium has reduced blood flow at rest that increases with low-dose dobutamine. 1996 , 94, 3055-61	63
234	Effects of dobutamine stimulation on myocardial blood flow, glucose metabolism, and wall motion in normal and dysfunctional myocardium. 1996 , 94, 3146-54	82
233	Only hibernating myocardium invariably shows early recovery after coronary revascularization. 1996 , 94, 308-15	92
232	Functional and structural alterations with 24-hour myocardial hibernation and recovery after reperfusion. A pig model of myocardial hibernation. 1996 , 94, 507-16	52
231	Factors influencing regional myocardial contractile response to inotropic stimulation. Analysis in humans with stable ischemic heart disease. 1996 , 94, 643-50	26
230	Myocardial blood flow, glucose uptake, and recruitment of inotropic reserve in chronic left ventricular ischemic dysfunction. Implications for the pathophysiology of chronic myocardial hibernation. 1996 , 94, 651-9	137
229	Assessment of myocardial viability with 99mTc sestamibi in patients undergoing cardiac transplantation. A scintigraphic/pathological study. 1996 , 94, 1010-7	90
228	Elective stenting of the extracranial carotid arteries. 1997, 95, 376-81	508
227	Dobutamine echocardiography and quantitative rest-redistribution 201Tl tomography in myocardial hibernation. Relation of contractile reserve to 201Tl uptake and comparative prediction of recovery of function. 1997, 95, 626-35	131
226	Chronic myocardial hibernation in humans. From bedside to bench. 1997 , 95, 1961-71	137
225	Knowledge of perfusion and contractile reserve improves the predictive value of recovery of regional myocardial function postrevascularization: a study using the combination of myocardial contrast echocardiography and dobutamine echocardiography. 1997 , 96, 3459-65	42
224	Nitroglycerin enhances the ability of dobutamine stress echocardiography to detect hibernating myocardium. 1997 , 96, 3992-4001	11
223	Improved outcome after coronary bypass surgery in patients with ischemic cardiomyopathy and residual myocardial viability. 1997 , 96, 793-800	261

(2000-1997)

222	myocardial viability with dobutamine stress echocardiography. 1997 , 96, 2884-91	52
221	Hibernating myocardium: an incomplete adaptation to ischemia. 1997 , 96, 2920-31	235
220	Pathophysiological mechanisms of chronic reversible left ventricular dysfunction due to coronary artery disease (hibernating myocardium). 1997 , 96, 3205-14	112
219	Mechanism of impaired myocardial function during progressive coronary stenosis in conscious pigs. Hibernation versus stunning?. 1995 , 76, 479-88	153
218	Intraischemic preconditioning. Increased tolerance to sustained low-flow ischemia by a brief episode of no-flow ischemia without intermittent reperfusion. 1995 , 76, 942-50	41
217	Myocyte adaptation to chronic hypoxia and development of tolerance to subsequent acute severe hypoxia. 1997 , 80, 699-707	69
216	TOWARD THE QUESTION OF ISCHEMIC MYOCARDIAL DYSFUNCTION. 2014 , 13, 57-71	3
215	Relationship between T-wave normalization on exercise ECG and myocardial functional recovery in patients with acute myocardial infarction. 2002 , 17, 122-30	2
214	Review: Do We Still Need a Viability Study before Considering Revascularization in Patient with Stable Coronary Artery Disease and Significant Left Ventricular Systolic Dysfunction?. 2014 , 05, 242-248	2
213	Planar cardiac F-18 fluorodeoxyglucose imaging with a conventional gamma camera. 1994 , 161, 413-7	1
212	DIRECT RESULTS OF CORONARY BYPASS GRAFTING OF PATIENTS WITH THE REDUCED MYOCARDIAL CONTRACTILITY IN TERMS OF MYOCARDIAL PERFUSION SCINTIGRAPHY AND ECHOCARDIOGRAPHY. 2021 , 5-9	
211	Anatomie und Pathologie des KoronargefBystems, Physiologie und Pathophysiologie der Koronardurchlutung, Pathogenese der Atherosklerose. 2000 , 295-326	
210	Klinik und Diagnostik der koronaren Herzkrankheit. 2000 , 327-353	
209	Diagnosis of Myocardial Viability: Contribution of the ECG. 2000 , 305-316	
208	New pharmacological stress echocardiography using combined olprinone with low-dose dobutamine to detect myocardial viability. 2000 , 45, 563-574	
207	Cellular Mechanisms of Myocardial Hibernation, Stunning, and Ischemic Preconditioning. 2000 , 106-111	
206	Myocardial Viability. 2000 , 113-131	
205	Post-operative Myocardial Ischemia and Infarction. 2000 , 365-376	

204	Therapie der stabilen und instabilen Angina pectoris. 2000 , 355-391
203	Nuclear Cardiology. 2000 , 236-266
202	Echocardiographic assessment of reversible left ventricular dysfunction. 2000 , 155-175
201	End stage heart failure-options for medical treatment and beyond. 2000 , 19-30
200	Einsatz der Dobutamin-Streßchokardiographie zum Nachweis vitalen Gewebes. 2000 , 35-49
199	Detection of myocardial viability by angiographic methods. 2000 , 147-154
198	Isotopic Diagnosis of Viable Myocardium. 2001 , 183-211
197	Adult Heart Disease. 2001 , 1333-1376
196	Belastungsechokardiographie. 2001 , 119-145
195	The Future of Heart Failure Management. 2001 , 131-143
194	The Role of Multiple Adrenergic Blockade in Coronary Artery Disease and Myocardial Infarction. 2001 , 39-53
193	Radionuclide Uptake in Experimental Ischaemia and Necrosis. 2001 , 165-182
192	Antioxidative Capacity of Melatonin. 2001,
191	Assessment of Myocardial Viability. 2002 , 99-113
190	Infarktdiagnostik. 2002 , 147-150
189	Coronary Artery Revascularization: Surgical Approach (Standard Management. 2002, 854-879
188	Human Hibernating Myocardium-Development to Degeneration. 2002, 213-222
187	Reperfusion arrhythmias: prevention and management. 2003 , 709-723

186	Angiogenesis and myogenesis as two racets or inflammatory post-ischemic tissue regeneration. 2003, 57-67	1
185	Myocardial ischaemia and cardiac function. 2003 , 725-735	
184	Echocardiographic Recognition of Myocardial Viability. 2003, 213-229	
183	Adult Heart Disease. 2003 , 567-585	
182	Echocardiographic determination of myocardial viability. 2003, 207-240	
181	Pathophysiology of myocardial perfusion. 2004 , 181-185	1
180	Evaluation of Myocardial Viability. 2004 , 205-252	
179	Aortic surgery. 2004 , 200-215	
178	Pathomorphological predictors of left heart ventricle dilatation at ischemic cardiomyopathy patients with chronic cardiac decompensation in postoperative period. 2004 , 3, 26-35	
177	Nanobiology in Cardiology and Cardiac Surgery. 2004 ,	
176	Surgical Revascularization in the Management of Heart Failure and Ischemic Left Ventricular Dysfunction. 2005 , 39-65	
175	Cardiolog日 nuclear. 2006 , 493-503	
175		
	Cardiologa nuclear. 2006 , 493-503	
174	Cardiologa nuclear. 2006, 493-503 Revascularization. 2006, 345-356	
174	Cardiologii nuclear. 2006, 493-503 Revascularization. 2006, 345-356 Acute Myocardial Infarction. 2006, 611-646	
174 173 172	Cardiolog Inuclear. 2006, 493-503 Revascularization. 2006, 345-356 Acute Myocardial Infarction. 2006, 611-646 Echocardiographic Evaluation of Coronary Artery Disease. 2007, 811-839	

168	Stress Echocardiography with Nonexercise Techniques: Principles, Protocols, Interpretation, and Clinical Applications. 2007 , 353-392
167	Genetics of Ischemic Heart Disease. 2007 , 261-262
166	Acute Myocardial Infarction and Postinfarct Remodeling. 2008, 287-303
165	Cardiac PET and PET/CT. 2008 , 687-719
164	Surgical Options in the Treatment of Heart Failure. 2009 , 97-117
163	Pathophysiology Basics of Acute Myocardial Infarction. 2009 , 1-14
162	Choice of Imaging Techniques. 2009 , 83-98
161	Non-cardiac Surgery in Cardiac Patients. 2009 , 1267-1286
160	Principles of Treatment and Pharmacotherapy. 2010 , 255-275
159	Myocardial Viability. 2010 , 267-283
158	Myocardial Viability. 2010 , 622-638
157	Tecniche diagnostiche per lo studio dellapparato cardiovascolare. 2010 , 405-440
156	Angeborene Anomalien des Koronararteriensystems und Koronarerkrankungen bei Kindern und Jugendlichen. 2010 , 507-523
155	Heart Failure: CMR to Assess Viability. 2010 , 357-374
154	Nuclear Imaging and Multi-detector Computed Tomography to Assess Viability. 2010 , 341-356
153	Detection of Myocardial Viability. 2010 , 93-106
152	Stress Echocardiography for Functional Assessment of Coronary Artery Disease. 284-290
151	Nuklearkardiologie. 2011 , 1015-1108

150	Pacing for Atrioventricular Conduction System Disease. 2011 , 323-360	
149	Kardiovaskulīje PET und PET/CT. 2011 , 1109-1145	
148	Nuclear Cardiology. 2011 , 403-409	
147	Sudden Cardiac Risk Assessment. 2012 , 277-291	
146	Nuclear Imaging to Assess Infarction, Reperfusion, No-Reflow, and Viability. 2012, 161-189	
145	Krankheiten des Herzens. 2012 , 335-393	
144	Myocardial Hibernation in Patients with Arterial Hypertension and Ischemic Heart Disease as a Cause of Heart Failure. 2013 , 2, 18-22	
143	Findings in Myocardial Ischemia by Metabolic Imaging with Positron Emission Tomography. 1990 , 150-165	
142	Kurze Geschichte der Angina pectoris: Vorstellungen von der Myokardischihie im Wandel der Zeit. 1990 , 1-9	
141	Myokardstoffwechsel bei Ischinie. 1990 , 39-62	
140	Acute effects of myocardial ischemia on left ventricular function. 1991 , 77-90	
139	Hauptthema: Die ischaemische Herzkrankheit. 1991 , 85-148	
138	Introduction. 1992 , 1-3	
137	Perioperative Heart Failure. 1992 , 148-162	
136	Stunning of the Myocardium: An Update. 1992 , 4-9	
135	Hibernating Myocardium: A Historical Perspective. 1992 , 192-201	
134	Recovery of Myocardial Function in the Hibernating Heart. 1992 , 216-225	
133	Erweiterte funktionelle Bedeutung signifikanter Koronarstenosen durch TI-201 Myokard SPECT: Zusatzinformation von Reinjektionsstudien bei Kollateralisierung. 1993 , 323-328	

132	Calcium, Ischemia, and the Calcium Antagonists. 1993 , 49-58
131	Detection of jeopardised viable myocardium in patients with coronary artery disease. 1993 , 158, 75-6
130	Magnetic Resonance Spectroscopy of Myocardial Ischemia. 1993 , 111-125
129	Echocardiographic Determination of Myocardial Viability. 1994, 163-178
128	Myocardial ischemia, stunning and hibernation: blood blow, metabolism and pathophysiology mechanism. 1994 , 5-18
127	Approach to the assessment of myocardial viability in the cardiac catheterization laboratory. 1994 , 141-161 1
126	Studies of myocardial damage and viability. 1994 , 109-129
125	Effect of Coronary Perfusion on Myocardial Contractility in the Heart. 1994 , 21-35
124	Heart Failure Secondary to Coronary Artery Disease. 1994 , 177-195
123	Cardiac Transplantation for Ischaemic Heart Disease. 1994 , 377-389
122	Koronare Herzerkrankung und akuter Herzinfarkt 🖾 ktuelle Aspekte der Pathogenese, Symptomatologie und des klinischen Verlaufs. 1994 , 48-98
121	Myocardial Ischemia R eperfusion Injury and the Cardioprotective Potential of Natural Antioxidants. 1994 , 411-445
120	Echokardiographie. 1995 , 142-164
119	Myocardial Viability: Stunning and Hibernation. 1995 , 15-24
118	Pathophysiologie der Myokardischie. 1995 , 3-45
117	Use of positron emission tomography for the diagnosis and evaluation of ischemic heart disease. 1995, 17-30
116	Adaptation an Myokardischinie: Bibernating myocardium 1995, 11-18
115	Pathophysiologie des Bibernating Lind Etunned Myokards. 1995 , 367-383

PET in Cardiology: Clinical Background. 1996, 3-12 114 Myocardial hibernation in terms of the flow-function relationship. 1996, 13-16 113 The hibernating myocardium. 1996, 76, 453-62 112 Myocardial hibernation: unresolved physiological and clinical issues. 1996, 33-35 111 Excitation-contraction coupling in hibernating myocardium. 1996, 20-23 110 Hibernating myocardium: a brief article. 1996, 39-41 109 108 Hibernating myocardium, a clinical entity. 1996, 56-58 Nuclear and Echocardiographic Imaging for Prediction of Reversible Left Ventricular Ischemic 107 Dysfunction After Coronary Revascularization. 1996, 28, 27-36 Assessment of viability in noncontractile myocardium before revascularization and prediction of 106 functional recovery by PET. 1996, 259-275 Three questions about preconditioning. 1996, 130-133 105 Koronare Herzkrankheit und Herzinfarkt. 1996, 421-554 104 Detection of Myocardial Viability and Inducible Ischemia with Dobutamine. 1996, 597-609 103 Assessment of Myocardial Perfusion by PET. 1996, 13-23 102 Commentary on hibernating myocardium and its clinical relevance. 1996, 53-55 101 Identification of Bibernating myocardium by imaging approaches. 1996, 59-61 100 Assessment of viability in severely hypokinetic myocardium before revascularization and prediction 99 of functional recovery: The role of echocardiography. 1996, 279-292 Comparison of SPECT and PET for Assessment of Tissue Viability. 1996, 207-225 98 11C-Acetate in the Study of Ischemic Heart Disease. 1996, 227-240 97

96	Myocardial hibernation: relationship to a model for segmental dyskinesis. 1996 , 10-12	
95	Assessment of viability by MR-techniques. 1996 , 211-236	1
94	Ubiquity of myocardial stunning. 1996 , 65-68	
93	Myocardial hibernation. 1996 , 27-29	
92	Myocardial stunning: a post-ischemic syndrome with delayed recovery. 1996 , 76, 443-52	1
91	Myocardial 82RB Kinetics Identify Cell Membrane Integrity and Tissue Viability. 1996 , 263-277	
90	Nuclear and echocardiographic imaging for prediction of reversible left ventricular ischemic dysfunction after coronary revascularization: current status and future directions. 1996 , 28 Suppl 1, S27-36	5
89	Ischemia, Infarction and HSP70. 1997 , 25-39	
88	Echocardiographic Recognition of Myocardial Viability. 1997 , 166-184	
87	Tissue Oxygenation. 1997 , 92-101	
86	Tissue Oxygenation. 1997, 92-101 Hibernating myocardium winterschlafendes Myokard: klinische Bedeutung. 1997, 211-232	
86	Hibernating myocardium winterschlafendes Myokard: klinische Bedeutung. 1997 , 211-232	
86	Hibernating myocardium winterschlafendes Myokard: klinische Bedeutung. 1997, 211-232 Erwartungen des Kardiologen an die SPECT-Untersuchung des Herzens. 1997, 121-130 Coronary Perfusion as the Major Determinant of Myocardial Contractility in the Heart: Implication	
86 85 84	Hibernating myocardium winterschlafendes Myokard: klinische Bedeutung. 1997, 211-232 Erwartungen des Kardiologen an die SPECT-Untersuchung des Herzens. 1997, 121-130 Coronary Perfusion as the Major Determinant of Myocardial Contractility in the Heart: Implication for Myocardial Hibernation. 1997, 37-47	
86 85 84 83	Hibernating myocardium winterschlafendes Myokard: klinische Bedeutung. 1997, 211-232 Erwartungen des Kardiologen an die SPECT-Untersuchung des Herzens. 1997, 121-130 Coronary Perfusion as the Major Determinant of Myocardial Contractility in the Heart: Implication for Myocardial Hibernation. 1997, 37-47 Myocardial Ischemia in Heart Failure: Value of Positron Emission Tomography. 1998, 261-271	
86 85 84 83 82	Elibernating myocardium winterschlafendes Myokard: klinische Bedeutung. 1997, 211-232 Erwartungen des Kardiologen an die SPECT-Untersuchung des Herzens. 1997, 121-130 Coronary Perfusion as the Major Determinant of Myocardial Contractility in the Heart: Implication for Myocardial Hibernation. 1997, 37-47 Myocardial Ischemia in Heart Failure: Value of Positron Emission Tomography. 1998, 261-271 Intravenous echocontrast for assessment of left ventricular function and perfusion. 1998, 333-350 Stellenwert stre Stellenwert stre Chokardiographischer Techniken im Spektrum der kardiologischen	

78 Hibernation and Stunning of Arterial Myocytes: Clinical Reversal by EDTA Chelation Therapy. 1998, 255-257 LASER-Revaskularisation [Klinische Erfahrungen mit dem Excimer-LASER- System []1998, 90-105 77 Pathophysiology and Treatment of Acute Myocardial Ischemia and Infarction. 1998, 45-74 76 75 FDG SPECT to Assess Myocardial Viability. 1998, 249-260 74 Role of cellular energetics in ischemia-reperfusion and ischemic preconditioning of myocardium. 73 **1998**, 393-400 Medium - Term Results of Coronary Artery Bypass Surgery in Patients with Severe Left Ventricular 72 Dysfunction and Preoperatively Documented Hibernating Myocardium. 1998, 41, 175-179 Hibernating myocardium: Its pathophysiology and clinical role. 1998, 195-199 71 The extracellular matrix in hibernating myocardium a significant factor causing structural 70 defects and cardiac dysfunction. 1998, 147-158 69 Hibernating Myocardium: A Review. 1998, 11-29 Clinical Relevance of Myocardial Viability. 1998, 163-183 68 Management of Ventricular Tachyarrhythmias: Is Correction of Ischemia Sufficient?. 1998, 335-344 67 66 Myocardial Hibernation: Blood Flow and Metabolism. 1998, 199-214 Viability Assessment Before CABG. 1998, 98, 65 Einsatz bildgebender Verfahren zum Nachweis vitalen Gewebes. 1999, 19-47 64 63 Increased Perfusion Via Laser-mediated Myocardial Channels?. 1999, 61-80 62 The role of neurohormonal antagonists in hibernating myocardium. 1999, 33 Suppl 3, S9-16 The Role of Neurohormonal Antagonists in Hibernating Myocardium. 1999, 33, S9-S16 61

60	Nuclear Cardiology 2: Myocardial Perfusion, Metabolism, Infarction, and Receptor Imaging. 2015, 463-528	
59	Myocardial Viability. 2015 , 327-350	
58	Kardiovaskulīle PET/CT in den USA. 2016 , 831-892	
57	Revascularization of dysfunctional but viable myocardium needs to be careful about postoperative rhythm disturbance after off-pump coronary artery bypass grafting: an uncontrolled observational retrospective clinical study. 2018 , 1, 39-44	
56	Hybrid PET-CT Evaluation of Myocardial Viability. 2022, 151-164	O
55	Myocardial hibernation: molecular mechanisms, clinical significance and diagnostic methods. 2019 , 18, 9-15	1
54	Evidence-Based PET for Cardiac Diseases. 2020 , 99-108	
53	Krankheiten des Herzens. 2008, 311-373	
52	PET in Clinical Cardiology. 2006 , 413-431	
51	Koronare Herzkrankheit und Herzinfarkt. 2006 , 27-142	
50	Herzinsuffizienz. 2006 , 355-374	
49	Pathophysiologie des flibernating@ind fltunned@Myokards. 2006, 305-315	
48	Coronary artery bypass for advanced left ventricular dysfunction. 1999 , 15-31	1
47	Hibernating Myocardium. 1998 , 23-31	
46	Basis of Cardiac Imaging 2: Myocardial Perfusion, Metabolism, Infarction, and Receptor Imaging in Coronary Artery Disease and Congestive Heart Failure. 2006 , 352-394	
45	Nuclear Cardiology Ithe Situation in Europe. 2008 , 645-685	
44	Left ventricular aneurysm with 1- to 2-mm-thick myocardium: a variant of the classic true aneurysm?. 1990 , 17, 337-45	
43	Myocardial viability. 1996 , 165, 364-71	8

42	Nuclear cardiac imaging for the assessment of myocardial viability. 2005 , 13, 408-415	1
41	Hibernating myocardium in post-ischaemic heart failure: pathophysiology, identification and revascularisation. 2000 , 82, 236-42	
40	Alterations in excitation-contraction coupling in chronically ischemic or hibernating myocardium. 2005 , 10, 142-5	4
39	Hibernating myocardium: Programmed cell survival or programmed cell death?. 2002 , 7, 69-72	6
38	Human myocardial ATP content and in vivo contractile function. 1998 , 180, 171-7	37
37	Role of cellular energetics in ischemia-reperfusion and ischemic preconditioning of myocardium. 1998 , 184, 393-400	10
36	The extracellular matrix in hibernating myocardiuma significant factor causing structural defects and cardiac dysfunction. 1998 , 186, 147-58	9
35	Hibernating myocardium: its pathophysiology and clinical role. 1998 , 186, 195-9	1
34	Angiogenesis and myogenesis as two facets of inflammatory post-ischemic tissue regeneration. 2003 , 246, 57-67	12
33	Comparative Analysis of Myocardial Viability Multimodality Imaging in Patients with Previous Myocardial Infarction and Symptomatic Heart Failure 2022 , 58,	1
32	SYNTAX Score as a predictor of long-term mortality in patients with left ventricular ejection fraction less than 30% and left ventricular aneurysm Menicanti type II and III. 2022 , 15, 122	
31	Three questions about preconditioning. 1996 , 91, 12-5	3
30	Myocardial hibernation: relationship to a model for segmental dyskinesis. 1995 , 90, 9-11	
29	Myocardial hibernation in terms of the flow-function relationship. 1995 , 90, 12-5	5
28	Excitation-contraction coupling in hibernating myocardium. 1995 , 90, 19-22	2
27	Myocardial hibernation. 1995 , 90, 26-8	1
26	Myocardial hibernation: unresolved physiological and clinical issues. 1995 , 90, 32-4	2
25	Hibernating myocardium. 1995 , 90, 35-7	1

24	Hibernating myocardium: a brief article. 1995 , 90, 38-40	6
23	Commentary on hibernating myocardium and its clinical relevance. 1995 , 90, 52-4	1
22	Hibernating myocardium, a clinical entity. 1995 , 90, 55-7	2
21	Identification of "hibernating myocardium" by imaging approaches. 1995 , 90, 58-60	
20	Some triggering mechanism, in addition to perfusion-contraction matching, may be essential to initiate hibernation. 1997 , 92 Suppl 2, 3-5	1
19	Can we distinguish clinically hibernation from stunning and does it matter?. 1997 , 92 Suppl 2, 12-5	
18	Viewpoint: stunning and longterm perfusion-contraction matching are clinically indistinguishable components of clinical hibernation and separation, even if practical, is unlikely to matter. 1997 , 92 Suppl 2, 26-9	1
17	The incremental value of myocardial viability, evaluated by 18F-fluorodeoxyglucose positron emission tomography, and cardiovascular magnetic resonance for mortality prediction in patients with previous myocardial infarction and symptomatic heart failure 2022, 2676591221100739	
16	Myocardial Oxygenation in Hibernating Myocardium. 2022,	
4 F	Advanced to Little Hills 25 27	
15	Myocardial viability. 25-37	
14	Coronary Arteries Bypass Grafting as a Salvage Surgery in Ischemic Heart Failure.	
14	Coronary Arteries Bypass Grafting as a Salvage Surgery in Ischemic Heart Failure. Clinical use of cardiac 18 F-FDG viability PET: a retrospective study of 44 patients undergoing	
14	Coronary Arteries Bypass Grafting as a Salvage Surgery in Ischemic Heart Failure. Clinical use of cardiac 18 F-FDG viability PET: a retrospective study of 44 patients undergoing post-test revascularization. Myocardial Viability An Important Decision Making Factor in the Treatment Protocol for Patients	1
14 13	Coronary Arteries Bypass Grafting as a Salvage Surgery in Ischemic Heart Failure. Clinical use of cardiac 18 F-FDG viability PET: a retrospective study of 44 patients undergoing post-test revascularization. Myocardial Viability An Important Decision Making Factor in the Treatment Protocol for Patients with Ischemic Heart Disease. 2022, 49, 59-64 CURRENT STATUS OF THE CLINICAL APPLICATIONS OF CARDIAC POSITRON EMISSION	1
14 13 12	Coronary Arteries Bypass Grafting as a Salvage Surgery in Ischemic Heart Failure. Clinical use of cardiac 18 F-FDG viability PET: a retrospective study of 44 patients undergoing post-test revascularization. Myocardial Viability IAn Important Decision Making Factor in the Treatment Protocol for Patients with Ischemic Heart Disease. 2022, 49, 59-64 CURRENT STATUS OF THE CLINICAL APPLICATIONS OF CARDIAC POSITRON EMISSION TOMOGRAPHY. 1994, 32, 501-519	1
14 13 12 11	Coronary Arteries Bypass Grafting as a Salvage Surgery in Ischemic Heart Failure. Clinical use of cardiac 18 F-FDG viability PET: a retrospective study of 44 patients undergoing post-test revascularization. Myocardial Viability IAn Important Decision Making Factor in the Treatment Protocol for Patients with Ischemic Heart Disease. 2022, 49, 59-64 CURRENT STATUS OF THE CLINICAL APPLICATIONS OF CARDIAC POSITRON EMISSION TOMOGRAPHY. 1994, 32, 501-519 Hybrid Cardiac Viability Assessment. 2022, 147-172	

CITATION REPORT

6	Myocardial Viability Testing in the Management of Ischemic Heart Failure. 2022 , 12, 1760	2
5	Revascularization in ischaemic cardiomyopathy: how to interpret current evidence. 2023 , 44, 365-367	O
4	Koronare Herzkrankheit ßegutachtung. 2022 , 1-25	O
3	An Adjuvant Stem Cell Patch with Coronary Artery Bypass Graft Surgery Improves Diastolic Recovery in Porcine Hibernating Myocardium. 2023 , 24, 5475	O
2	Role of Magnetic Resonance Imaging in Cardiomyopathies. 2013 , 357-369	O
1	STRESS ECHOCARDIOGRAPHY. 1997 , 51, 41-46	O