Early phase acute myocardial infarct size quantification tetrazolium chloride tissue enzyme staining technique

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Citation Report

#	Article	IF	Citations
1	Determination of Experimental myocardial infarct size. Journal of Pharmacological Methods, 1981, 6, 199-210.	0.7	68
2	Intermittent brief periods of ischemia have a cumulative effect and may cause myocardial necrosis.. Circulation, 1982, 66, 1150-1153.	1.6	263
3	Divergent effects of inotropic stimulation on the ischemic and severely depressed reperfused myocardium.. Circulation, 1982, 66, 397-400.	1.6	126
4	Hypothermic coronary venous phased retroperfusion: a closed-chest treatment of acute regional myocardial ischemia.. Circulation, 1982, 65, 1435-1445.	1.6	54
5	Quantification of experimental myocardial infarction using nuclear magnetic resonance imaging and paramagnetic ion contrast enhancement in excised canine hearts.. Circulation, 1982, 66, 1012-1016.	1.6	136
6	Evaluation of fluorescence microscopy for the identification of necrotic myocardium. Human Pathology, 1982, 13, 1091-1094.	1.1	20
7	Ventricular fibrillation resulting from ischemia at a site remote from previous myocardial infarction. American Journal of Cardiology, 1982, 50, 1414-1423.	0.7	96
8	Limitation of myocardial infarct size after surgical reperfusion for acute coronary occlusion. Journal of Thoracic and Cardiovascular Surgery, 1982, 84, 353-358.	0.4	19
9	Reduction of the extent of ischemic myocardial injury by neutrophil depletion in the dog.. Circulation, 1983, 67, 1016-1023.	1.6	1,197
10	Prevention of ischemic injury and early reperfusion derangements by hypothermic retroperfusion. Journal of the American College of Cardiology, 1983, 1, 1067-1080.	1.2	63
11	A routine method for diagnosis of early myocardial infarction. International Journal of Cardiology, 1983, 4, 319-321.	0.8	11
12	Relation between functional response to nitroglycerin and extent of myocardial necrosis in dogs: Mapping of the left ventricle by 2-dimensional echocardiography. American Journal of Cardiology, 1983, 52, 177-183.	0.7	9
13	Effect of fluocarbon exchange transfusion on myocardial infarction size in dogs. American Journal of Cardiology, 1983, 52, 203-205.	0.7	53
14	First ultra-short-acting beta-adrenergic blocking agent: Its effect on size and segmental wall dynamics of reperfused myocardial infarcts in dogs. American Journal of Cardiology, 1983, 51, 1759-1767.	0.7	72
15	Sustained limitation of myocardial necrosis 24 hours after coronary artery occlusion: Verapamil infusion in dogs with small myocardial infarcts. American Journal of Cardiology, 1983, 51, 1409-1413.	0.7	59
16	Effects of ortho-Iodo sodium benzoate on acute myocardial ischemia, hemodynamic function, and infarct size after coronary artery occlusion in dogs. American Journal of Cardiology, 1983, 51, 1422-1427.	0.7	13
17	Iodine-123 phenylpentadecanoic acid: Detection of acute myocardial infarction and injury in dogs using an iodinated fatty acid and single-photon emission tomography. American Journal of Cardiology, 1983, 52, 1326-1332.	0.7	44
18	Noninvasive quantification of jeopardized myocardial mass in dogs using 2-dimensional echocardiography and thallium-201 tomography. American Journal of Cardiology, 1983, 52, 1340-1344.	0.7	28

#	Article	IF	Citations
19	Effects of lidocaine and droxicainide on myocardial necrosis: A comparative study. Journal of the American College of Cardiology, 1983, 1, 1447-1452.	1.2	10
20	Time course of functional and biochemical recovery of myocardium salvaged by reperfusion. Journal of the American College of Cardiology, 1983, 1, 1047-1055.	1.2	327
21	Salvage of ischemic myocardium by prostacyclin during experimental myocardial infarction. Journal of the American College of Cardiology, 1983, 2, 279-286.	1.2	54
22	Relation between myocardial injury and postextrasystolic potentiation of regional function measured by two-dimensional echocardiography. Journal of the American College of Cardiology, 1983, 2, 52-62.	1.2	25
23	Hydrogen peroxide contrast--enhanced two-dimensional echocardiography: real-time in vivo delineation of regional myocardial perfusion.. Circulation, 1983, 68, 603-611.	1.6	110
24	A flow- and time-dependent index of ischemic injury after experimental coronary occlusion and reperfusion.. Proceedings of the National Academy of Sciences of the United States of America, 1983, 80, 5784-5788.	3.3	32
25	Left atrium-to-femoral artery bypass: Effectiveness in reduction of acute experimental myocardial infarction. Journal of Thoracic and Cardiovascular Surgery, 1983, 86, 887-896.	0.4	37
26	The effect of streptokinase on intramyocardial hemorrhage, infarct size, and the no-reflow phenomenon during coronary reperfusion.. Circulation, 1984, 70, 513-521.	1.6	137
27	Hydrogen peroxide contrast echocardiography: quantification in vivo of myocardial risk area during coronary occlusion and of the necrotic area remaining after myocardial reperfusion.. Circulation, 1984, 70, 309-317.	1.6	109
28	Mapping of ventricular tachycardia induced by programmed stimulation in canine preparations of myocardial infarction.. Circulation, 1984, 70, 136-148.	1.6	69
29	Effects of recurrent ischemia on myocardial high energy phosphate content in canine hearts. Basic Research in Cardiology, 1984, 79, 469-478.	2.5	51
30	Limitations of tetrazolium salts in delineating infarcted brain. Acta Neuropathologica, 1984, 65, 150-157.	3.9	180
31	Influence of acute arterial hypertension on myocardial infarct size in dogs without left ventricular hypertrophy. Journal of the American College of Cardiology, 1984, 4, 522-528.	1.2	7
32	Effect of decreased blood flow and ischemia on myocardial thallium clearance. Journal of the American College of Cardiology, 1984, 3, 744-750.	1.2	10
33	Enhancement of salvage of reperfused myocardium by early beta-adrenergic blockade (timolol). Journal of the American College of Cardiology, 1984, 3, 1438-1443.	1.2	82
34	Increased regional end-diastolic wall thickness early after reperfusion: A sign of irreversibly damaged myocardium. Journal of the American College of Cardiology, 1984, 3, 1444-1453.	1.2	38
35	Prostaglandin E1coronary venous retroperfusion in acute myocardial ischemia: Effects on regional left ventricular function and infarct size. Journal of the American College of Cardiology, 1984, 3, 939-947.	1.2	16
36	Effects of late coronary artery reperfusion after myocardial necrosis is complete. American Heart Journal, 1984, 107, 623-629.	1.2	20

#	Article	IF	Citations
37	Reduction of myocardial infarct size by a fluorocarbon-oxygenated reperfusate. American Journal of Cardiology, 1984, 53, 608-613.	0.7	15
38	Heparin inhibits bovine testicular hyaluronidase activity in myocardium of dogs with coronary artery occlusion. American Journal of Cardiology, 1984, 53, 941-944.	0.7	32
39	Altered acoustic reflectance on two-dimensional echocardiography as an early predictor of myocardial infarct size. American Journal of Cardiology, 1984, 53, 1699-1702.	0.7	22
40	Identification and localization of creatine kinase B and M in normal, ischemic and necrotic myocardium. An immunohistochemical study. Journal of Molecular and Cellular Cardiology, 1984, 16, 95-103.	0.9	19
41	Distribution of LDH-1 in Normal, Ischemic, and Necrotic Myocardium: An Immunoperoxidase Study. American Journal of Clinical Pathology, 1984, 81, 198-203.	0.4	11
42	Inhibiting Effect of Dexamethasone on Evolving Myocardial Necrosis in Coronary-Ligated Rats, with and without Reperfusion. Pharmacology, 1985, 31, 328-336.	0.9	4
43	The effect of ?-adrenoceptor blocking agents on evolving myocardial necrosis in coronary ligated rats with and without reperfusion. Naunyn-Schmiedeberg's Archives of Pharmacology, 1985, 328, 288-294.	1.4	22
44	Evaluation of the effects of tetrandrine on experimental myocardial ischemic and infarct size by cardiothermography. Journal of Huazhong University of Science and Technology Medical Sciences, 1985, 5, 153-161.	0.1	0
45	Nifedipine limits infarct size for 24 hours in closed chest coronary embolized dogs. Basic Research in Cardiology, 1985, 80, 76-87.	2.5	18
46	Experimental and clinical results with a simplified left heart assist device for treatment of profound left ventricular dysfunction. World Journal of Surgery, 1985, 9, 11-17.	0.8	30
47	Adjunctive left ventricular unloading during myocardial reperfusion plays a major role in minimizing myocardial infarct size. Journal of Thoracic and Cardiovascular Surgery, 1985, 90, 80-85.	0.4	68
48	Electrocardiographic effects of experimental nontransmural myocardial infarction.. Circulation, 1985, 71, 1206-1214.	1.6	17
49	Early differentiation of infarcted and noninfarcted reperfused myocardium in dogs by quantitative analysis of regional myocardial echo amplitudes.. Circulation Research, 1985, 57, 718-728.	2.0	35
50	Enhancement of recovery of myocardial function by oxygen free-radical scavengers after reversible regional ischemia.. Circulation, 1985, 72, 915-921.	1.6	336
51	Reversibility of Muscular Ischemia: A Histochemical Quantification by the Nitroblue Tetrazolium (NBT) Test. Angiology, 1985, 36, 493-499.	0.8	20
52	Adverse effects of chronic cardiac denervation in conscious dogs with myocardial ischemia.. Circulation Research, 1985, 57, 383-392.	2.0	41
53	Reduction of infarct size with intracoronary perfluorochemical in a canine preparation of reperfusion.. Circulation, 1985, 71, 1060-1068.	1.6	92
54	Nicardipine in models of myocardial infarction.. British Journal of Clinical Pharmacology, 1985, 20, 29S-49S.	1.1	10

#	Article	IF	Citations
55	Effects of experimental myocardial infarction on the ST segment response to tachycardia. Journal of the American College of Cardiology, 1985, 6, 665-673.	1.2	11
56	Synchronized diastolic coronary venous retroperfusion: Results of a preclinical safety and efficacy study. Journal of the American College of Cardiology, 1985, 6, 328-335.	1.2	65
57	Creatine kinase release not associated with myocardial necrosis after short periods of coronary artery occlusion in conscious baboons. Journal of the American College of Cardiology, 1985, 6, 1299-1303.	1.2	104
58	Inotropic stimulation of reperfused myocardium with dopamine: Effects on infarct size and myocardial function. Journal of the American College of Cardiology, 1985, 6, 1026-1034.	1.2	116
59	Free radicals in ischemic myocardial injury. Journal of Free Radicals in Biology & Medicine, 1985, 1, 103-110.	2.1	80
60	Detection and sizing of myocardial ischemia and infarction by nuclear magnetic resonance imaging in the canine heart. American Heart Journal, 1985, 110, 1284-1290.	1.2	47
61	Postinfarction sudden death: Significance of inducible ventricular tachycardia and infarct size in a conscious canine model. American Heart Journal, 1985, 109, 8-18.	1.2	56
62	The effect of the new calcium antagonist nisoldipine (BAY k-5552) on myocardial infarct size limitation in conscious dogs. American Heart Journal, 1985, 110, 753-760.	1.2	15
63	Limitations of fluorocarbons in reducing myocardial infarct size. American Journal of Cardiology, 1985, 55, 830-834.	0.7	12
64	Ectopic ventricular tachycardia sensitive to calcium antagonists in acute myocardial infarction in dogs. American Journal of Cardiology, 1985, 55, 1085-1090.	0.7	14
65	Effects of repeated brief coronary occlusion on regional left ventricular function and dimension in dogs. American Journal of Cardiology, 1985, 56, 473-478.	0.7	114
66	Sinus rhythm mapping in healed experimental myocardial infarction: contrasting activation patterns for inducing ventricular tachycardia versus fibrillation. American Journal of Cardiology, 1985, 55, 1601-1607.	0.7	10
67	Effect of intracoronary verapamil on infarct size in the ischemic, reperfused canine heart: Critical importance of the timing of treatment. American Journal of Cardiology, 1985, 56, 672-677.	0.7	77
68	In vivo prediction of the transmural extent of experimental acute myocardial infarction using contrast echocardiography. Journal of the American College of Cardiology, 1986, 8, 143-149.	1.2	43
69	R and S wave changes produced by experimental nontransmural and transmural myocardial infarction. Journal of the American College of Cardiology, 1986, 8, 675-681.	1.2	8
70	N-2-Mercaptopropionylglycine improves recovery of myocardial function after reversible regional ischemia. Journal of the American College of Cardiology, 1986, 8, 1161-1168.	1.2	117
71	Effect of verapamil on infarct size in dogs subjected to coronary artery occlusion with transient reperfusion. Journal of the American College of Cardiology, 1986, 8, 1169-1174.	1.2	36
72	Effects of staged versus sudden reperfusion after acute coronary occlusion in the dog. Journal of the American College of Cardiology, 1986, 7, 564-572.	1.2	90

#	Article	IF	Citations
73	Reversal of dysfunction in postischemic stunned myocardium by epinephrine and postextrasystolic potentiation. Journal of the American College of Cardiology, 1986, 7, 580-589.	1.2	289
74	Histochemical Quantification of Experimental Muscular Ischemia. Annals of the New York Academy of Sciences, 1986, 463, 262-264.	1.8	0
75	Morphometric evaluation of brain infarcts in rats and gerbils. Journal of Pharmacological Methods, 1986, 16, 201-214.	0.7	70
76	Early myocardial infarction. A feasible histologic diagnostic procedure.. International Heart Journal, 1986, 27, 307-319.	0.6	10
77	Strategy for Treatment of Acute Evolving Myocardial Infarction with Pulsatile Left Heart Assist Device. Critical Care Clinics, 1986, 2, 251-266.	1.0	1
78	Does infarct size influence loss of embolised 15-Î¼m microspheres from ischaemic myocardium?. Scandinavian Journal of Clinical and Laboratory Investigation, 1986, 46, 71-79.	0.6	7
79	A comparison of two methods for estimating the area at risk in experimental myocardial infarction. Basic Research in Cardiology, 1986, 81, 231-237.	2.5	8
80	A modified regionally ischemic porcine heart preparation with eligible residual blood flows. Basic Research in Cardiology, 1986, 81, 384-393.	2.5	8
81	Reduction of the size of infarction by allopurinol in the ischemic-reperfused canine heart.. Circulation, 1986, 73, 518-524.	1.6	205
82	Evaluation of 2,3,5-triphenyltetrazolium chloride as a stain for detection and quantification of experimental cerebral infarction in rats.. Stroke, 1986, 17, 1304-1308.	1.0	1,202
83	Distribution of fibrinogen and albumin in normal, ischaemic, and necrotic myocardium during the evolution of myocardial infarction: an immunohistochemical study. Cardiovascular Research, 1986, 20, 36-41.	1.8	12
84	The influence of residual coronary stenosis on size of infarction after reperfusion in a canine preparation.. Circulation, 1986, 73, 1354-1359.	1.6	39
85	Comparative effects of nicardipine, a new calcium antagonist, on size of myocardial infarction after coronary artery occlusion in dogs.. Circulation, 1986, 74, 420-430.	1.6	25
86	Attenuation Correction in Echocardiography. Ultrasonic Imaging, 1986, 8, 86-106.	1.4	8
87	Transmural distribution of myocardial infarction: difference between the right and left ventricles in a canine model.. Circulation Research, 1986, 59, 63-73.	2.0	35
88	Failure of superoxide dismutase and catalase to alter size of infarction in conscious dogs after 3 hours of occlusion followed by reperfusion.. Circulation, 1986, 73, 1065-1076.	1.6	206
89	The effect of acute hypercholesterolemia on myocardial infarct size and the no-reflow phenomenon during coronary occlusion-reperfusion.. Circulation, 1987, 75, 292-298.	1.6	106
90	Iloprost inhibits neutrophil function in vitro and in vivo and limits experimental infarct size in canine heart.. Circulation Research, 1987, 60, 666-673.	2.0	202

#	Article	IF	Citations
91	Quantification of myocardial injury produced by temporary coronary artery occlusion and reflow with technetium-99m-pyrophosphate.. Circulation, 1987, 75, 611-617.	1.6	34
92	Attenuation of dysfunction in the postischemic 'stunned' myocardium by dimethylthiourea.. Circulation, 1987, 76, 458-468.	1.6	194
93	Oxypurinol limits myocardial stunning but does not reduce infarct size after reperfusion.. Circulation, 1987, 76, 678-686.	1.6	78
94	Quantitative histochemical evaluation of skeletal muscle ischemia and reperfusion injury. Journal of Surgical Research, 1987, 43, 311-321.	0.8	60
95	Thromboxane synthetase inhibition with CGS 13080 improves coronary blood flow after streptokinase-induced thrombolysis. American Heart Journal, 1987, 113, 1345-1352.	1.2	44
96	Immunohistochemical localization of procainamide in normal, ischemic, and necrotic canine myocardium during acute experimental myocardial infarction. American Heart Journal, 1987, 113, 1383-1389.	1.2	2
97	Dissociation between global and regional systolic and diastolic ventricular function during coronary occlusion and reperfusion. American Heart Journal, 1987, 114, 687-695.	1.2	13
98	In vivo detection of reperfused myocardium by nuclear magnetic resonance imaging. Journal of the American College of Cardiology, 1987, 9, 127-135.	1.2	35
99	Detection of experimental right ventricular infarction by isopotential body surface mapping during sinus rhythm and during ectopic ventricular pacing. Journal of the American College of Cardiology, 1987, 10, 157-163.	1.2	4
100	Intermittent coronary sinus occlusion in dogs: Reduction of infarct size 10 days after reperfusion. Journal of the American College of Cardiology, 1987, 9, 1075-1081.	1.2	21
101	Calcium antagonists and acute myocardial ischemia: Comparative effects of gallopamil and nifedipine on ischemia-induced and reperfusion-induced ventricular arrhythmias, epicardial conduction times, and ventricular fibrillation thresholds. Cardiovascular Drugs and Therapy, 1987, 1, 367-376.	1.3	5
102	Effect of oxygen-derived free radical scavengers on infarct size following six hours of permanent coronary artery occlusion: salvage or delay of myocyte necrosis?. Basic Research in Cardiology, 1987, 82, 146-158.	2.5	49
103	Comparison of the effects of acute and chronic beta-blockade on infarct size in the dog after circumflex occlusion. Cardiovascular Drugs and Therapy, 1988, 2, 231-238.	1.3	2
104	Limitation of myocardial necrosis with verapamil during sustained coronary occlusion in the closed-chest dog. Cardiovascular Drugs and Therapy, 1988, 2, 313-323.	1.3	3
105	Increase in experimental infarct size with digoxin in a canine model of myocardial ischemia-reperfusion injury. American Heart Journal, 1988, 115, 1171-1182.	1.2	10
106	Scintigraphic detection of regional disruption of adrenergic neurons in the heart. American Heart Journal, 1988, 116, 67-76.	1.2	64
107	Experimental study on myocardial salvage by coronary thrombolysis and mechanical recanalization. American Heart Journal, 1988, 116, 687-695.	1.2	12
108	Reduction in digitalis-associated postinfarction mortality with nadolol in conscious dogs. American Heart Journal, 1988, 115, 67-76.	1.2	14

#	Article	IF	Citations
109	Reduction in infarct size by the prostacyclin analogue iloprost (ZK 36374) after experimental coronary artery occlusion-reperfusion. American Heart Journal, 1988, 115, 499-504.	1.2	46
110	A new quantitative spectrophotometric assay of ischemia-reperfusion injury in skeletal muscle. American Journal of Surgery, 1988, 156, 83-86.	0.9	79
111	Rate of reperfusion blood flow modulates reperfusion injury in skeletal muscle. Journal of Surgical Research, 1988, 44, 754-763.	0.8	43
112	Effects of alinidine on survival and infarct size in rats with coronary artery occlusion. European Journal of Pharmacology, 1988, 157, 75-81.	1.7	8
113	Recombinant single-chain urokinase-type plasminogen activator (rscu-pa) induces thrombolysis and systemic fibrinolysis in a canine model of coronary artery thrombosis. Thrombosis Research, 1988, 51, 63-74.	0.8	12
114	Quantification of myocardial infarction during coronary occlusion and myocardial salvage after reperfusion using cardiac imaging with technetium-99m hexakis 2-methoxyisobutyl isonitrile. Journal of the American College of Cardiology, 1988, 12, 1573-1581.	1.2	227
115	Pentoxifylline does not reduce infarct size in a canine model of acute myocardial infarction. British Journal of Pharmacology, 1988, 93, 587-590.	2.7	2
116	Reduction of experimental canine myocardial reperfusion injury by a monoclonal antibody (anti-Mo1,) Tj ETQq1 1 0.784314 rgBT /Ove	3.9	624
117	Protection afforded by allopurinol in the first 24 hours of coronary occlusion is diminished after 48 hours. Free Radical Biology and Medicine, 1988, 4, 25-30.	1.3	19
118	Histochemical and Fluorescent Techniques for Detection of Early Myocardial Ischemia Following Experimental Coronary Artery Occlusion: A Comparative and Quantitative Study. Angiology, 1988, 39, 132-140.	0.8	14
119	Quantitation of myocardial dyssynergy in closed-chest dogs by two-dimensional echocardiography. Medical Informatics = Medecine Et Informatique, 1988, 13, 57-69.	0.8	0
120	Superoxide dismutase conjugated to polyethylene glycol provides sustained protection against myocardial ischemia/reperfusion injury in canine heart.. Circulation Research, 1988, 63, 944-959.	2.0	133
121	Heparin Decreases Ischemia-Reperfusion Injury in Isolated Canine Gracilis Model. Archives of Surgery, 1988, 123, 470.	2.3	62
122	The effects of a critical stenosis on myocardial blood flow, ventricular function, and infarct size after coronary reperfusion.. Circulation, 1988, 77, 915-926.	1.6	26
123	Acceleration of the wavefront of myocardial necrosis by chronic hypertension and left ventricular hypertrophy in dogs.. Circulation Research, 1988, 63, 87-96.	2.0	49
124	Effects of coronary occlusion on cardiac and body surface PQRST isoarea maps of dogs with abnormal activation simulating left bundle branch block.. Circulation, 1988, 77, 1414-1423.	1.6	24
125	Anisotropic conduction and functional dissociation of ischemic tissue during reentrant ventricular tachycardia in canine myocardial infarction.. Circulation, 1988, 77, 1162-1176.	1.6	81
126	No reflow and extent of infarction during maximal vasodilation in the porcine heart.. Circulation, 1988, 78, 462-472.	1.6	74

#	Article	IF	Citations
127	Do overlapping vessels protect against canine right ventricular infarction after right coronary artery occlusion?. Cardiovascular Research, 1988, 22, 786-792.	1.8	5
128	The link between free radicals and myocardial injury.. Japanese Circulation Journal, 1988, 52, 646-654.	1.0	14
129	Oxygen consumption and coronary reactivity in postischemic myocardium.. Circulation Research, 1989, 64, 9-20.	2.0	128
130	"Reperfusion injury" by oxygen-derived free radicals? Effect of superoxide dismutase plus catalase, given at the time of reperfusion, on myocardial infarct size, contractile function, coronary microvasculature, and regional myocardial blood flow.. Circulation Research, 1989, 64, 86-96.	2.0	212
131	Superoxide dismutase reduces reperfusion arrhythmias but fails to salvage regional function or myocardium at risk in conscious dogs.. Circulation, 1989, 79, 143-153.	1.6	136
132	Limitation of myocardial reperfusion injury by intravenous perfluorochemicals. Role of neutrophil activation.. Circulation, 1989, 79, 645-656.	1.6	91
133	Deleterious effects of oxygen radicals in ischemia/reperfusion. Resolved and unresolved issues.. Circulation, 1989, 80, 1115-1127.	1.6	505
134	Neutrophil depletion limited to reperfusion reduces myocardial infarct size after 90 minutes of ischemia. Evidence for neutrophil-mediated reperfusion injury.. Circulation, 1989, 80, 1816-1827.	1.6	282
135	Myocardial protection by a left ventricular assist device during reperfusion following acute coronary occlusion. The Japanese Journal of Surgery, 1989, 19, 563-569.	0.2	7
136	Immunocytochemical diagnosis of early myocardial ischaemic/hypoxic damage. Forensic Science International, 1989, 40, 171-180.	1.3	31
137	Early treatment with deferoxamine limits myocardial ischemic/reperfusion injury. Free Radical Biology and Medicine, 1989, 7, 45-52.	1.3	117
138	Dimethylthiourea, but not dimethylsulfoxide, reduces canine myocardial infarct size. Free Radical Biology and Medicine, 1989, 7, 53-58.	1.3	31
139	The alterations of magnetic resonance relaxation parameters in excised myocardial tissue during NMR spectroscopy: The effects of time, environmental exposure and TTC staining. Magnetic Resonance Imaging, 1989, 7, 109-113.	1.0	3
140	A differential indicator method of identifying zones of ischemia and necrosis in rats with experimental myocardial infarction. Bulletin of Experimental Biology and Medicine, 1989, 107, 606-608.	0.3	5
141	Right ventricular free wall ischemia: Correlation of ischemic duration with extent of infarction in dogs. Annals of Thoracic Surgery, 1989, 47, 729-734.	0.7	4
142	Intraarterial urokinase increases skeletal muscle viability after acute ischemia. Journal of Vascular Surgery, 1989, 9, 161-168.	0.6	36
143	The role of leukocytes in the pathophysiology of skeletal muscle ischemic injury. Journal of Vascular Surgery, 1989, 10, 14-19.	0.6	92
144	Streptokinase improves reperfusion blood flow after coronary artery occlusion. International Journal of Cardiology, 1989, 23, 373-384.	0.8	10

#	Article	IF	Citations
145	Electrophysiologic actions and antifibrillatory efficacy of subacute left stellectomy in a conscious, post-infarction canine model of ischemic ventricular fibrillation. International Journal of Cardiology, 1989, 22, 365-376.	0.8	16
146	Mitochondrial hydrogen peroxide generation by NADH-oxidase activity following regional myocardial ischemia in the dog. Journal of Molecular and Cellular Cardiology, 1989, 21, 383-392.	0.9	57
147	The role of neutrophils and free radicals in the ischemic-reperfused heart: Why the confusion and controversy?. Journal of Molecular and Cellular Cardiology, 1989, 21, 1225-1239.	0.9	124
148	Tetrazolium artifactually indicates superoxide dismutase-induced salvage in reperfused rabbit heart. Journal of Molecular and Cellular Cardiology, 1989, 21, 1187-1193.	0.9	68
149	Myocardial salvage after regional beta-adrenergic blockade. American Heart Journal, 1989, 117, 37-42.	1.2	9
150	Postischemic hypothermia diminishes skeletal muscle reperfusion edema. Journal of Surgical Research, 1989, 47, 389-396.	0.8	47
151	Assessment of myocardial systolic wall thickening using nuclear magnetic resonance imaging. Journal of the American College of Cardiology, 1989, 14, 653-659.	1.2	61
152	Neutrophil depletion does not prevent myocardial dysfunction after brief coronary occlusion. Journal of the American College of Cardiology, 1989, 13, 1155-1163.	1.2	55
153	Assessment of myocardial salvage after ischemia and reperfusion using magnetic resonance imaging and spectroscopy.. Circulation, 1989, 80, 969-982.	1.6	102
154	Changes in right ventricular relaxation during acute anterior myocardial infarction in pigs. Cardiovascular Research, 1989, 23, 46-52.	1.8	9
155	Experimental electrophysiology and arrhythmogenicity. Anisotropy and ventricular tachycardia. European Heart Journal, 1989, 10, 2-8.	1.0	73
156	Does reperfusion extend necrosis? A study in a single territory of myocardial ischemia--half reperfused and half not reperfused.. Circulation, 1990, 82, 1020-1033.	1.6	36
157	Tissue plasminogen activator reduces brain injury in a rabbit model of thromboembolic stroke.. Stroke, 1990, 21, 1705-1709.	1.0	56
158	Effects on intermittent coronary sinus occlusion on experimental myocardial infarction and reperfusion hemorrhage.. Japanese Circulation Journal, 1990, 54, 1258-1273.	1.0	4
159	Sustained limitation of myocardial reperfusion injury by a monoclonal antibody that alters leukocyte function.. Circulation, 1990, 81, 226-237.	1.6	166
160	The oxygen consumption paradox of â€œstunned myocardiumâ€• in dogs. Basic Research in Cardiology, 1990, 85, 120-131.	2.5	53
161	Ultrastructural damage and Ca2+-shifts in the canine myocardium subjected to regional incomplete ischemia. Basic Research in Cardiology, 1990, 85, 384-391.	2.5	6
162	Cytochemical markers of ischaemia in the heart and brain. The Histochemical Journal, 1990, 22, 125-133.	0.6	3

#	Article	IF	Citations
163	Improved survival and reduced myocardial necrosis with cardiopulmonary bypass reperfusion in a canine model of coronary occlusion and cardiac arrest. Annals of Emergency Medicine, 1990, 19, 1122-1128.	0.3	12
164	Cardiopulmonary bypass in a model of acute myocardial infarction and cardiac arrest. Annals of Emergency Medicine, 1990, 19, 874-880.	0.3	17
165	More rapid thrombolysis with coronary venous retroinfusion of streptokinase compared with intravenous administration An experimental study in canines. European Heart Journal, 1990, 11, 936-944.	1.0	8
166	Does the Extent of the Zone at Risk after Coronary Artery Occlusion Influence the Percentage of the Zone that Evolves to Infarction?. Cardiology, 1990, 77, 112-120.	0.6	2
167	Left ventricular unloading during reperfusion does not limit myocardial infarct size.. Circulation, 1990, 81, 1374-1379.	1.6	18
168	Does reperfusion induce myocardial necrosis?. Circulation, 1990, 82, 1070-1072.	1.6	26
169	Disruption of microtubules as an early sign of irreversible ischemic injury. Immunohistochemical study of in situ canine hearts.. Circulation Research, 1990, 67, 694-706.	2.0	58
170	Evidence for decreased coronary flow reserve in viable postischemic myocardium.. Circulation Research, 1990, 67, 1201-1210.	2.0	92
171	Detection of oxygen-derived free radical generation in the canine postischemic heart during late phase of reperfusion.. Circulation Research, 1990, 66, 1160-1165.	2.0	70
172	Antiplatelet antibody [7E3 F(ab')2] prevents rethrombosis after recombinant tissue-type plasminogen activator-induced coronary artery thrombolysis in a canine model.. Circulation, 1990, 81, 617-627.	1.6	85
173	Are the kinetics of technetium-99m methoxyisobutyl isonitrile affected by cell metabolism and viability?. Circulation, 1990, 82, 1802-1814.	1.6	177
174	Combined adenosine and lidocaine administration limits myocardial reperfusion injury.. Circulation, 1990, 82, 595-608.	1.6	95
175	Electrophysiology of Spiral Waves in Two Dimensions: The Role of Anisotropy. Annals of the New York Academy of Sciences, 1990, 591, 247-256.	1.8	14
176	Free Radicals and Their Involvement During Long-Term Myocardial Ischemia and Reperfusion. Annual Review of Physiology, 1990, 52, 487-504.	5.6	250
177	Sustained beneficial effects of gallopamil (D600) on size of myocardial infarction 24 hours after coronary artery occlusion in dogs. American Heart Journal, 1990, 119, 1002-1007.	1.2	3
178	Early assessment of tissue viability with radioiodinated heptadecanoic acid in reperfused canine myocardium: Comparison with thallium-201. American Heart Journal, 1990, 119, 833-841.	1.2	10
179	Myocardial stunning in dogs: Preconditioning effect and influence of coronary collateral flow. American Heart Journal, 1990, 120, 282-291.	1.2	47
180	Evaluation of myocardial viability following ischemic and reperfusion injury using phosphorus 31 nuclear magnetic resonance spectroscopy in vivo. American Heart Journal, 1990, 120, 31-39.	1.2	19

#	Article	IF	Citations
181	Myocardial infarct size reduction by the synergistic effect of hyperbaric oxygen and recombinant tissue plasminogen activator. American Heart Journal, 1990, 120, 791-800.	1.2	70
182	Effects of exercise on myocardial catecholamine content and ischemic injury in dogs with gradual coronary occlusion. American Heart Journal, 1990, 120, 1278-1284.	1.2	1
183	Distinguishing viable from infarcted myocardium after experimental ischemia and reperfusion by using nuclear magnetic resonance imaging. Journal of the American College of Cardiology, 1990, 15, 1355-1364.	1.2	60
184	Reduction in reperfusion injury by blood-free reperfusion after experimental myocardial infarction. Journal of the American College of Cardiology, 1990, 15, 1385-1393.	1.2	20
185	Heart rate variability before and after myocardial infarction in conscious dogs at high and low risk of sudden death. Journal of the American College of Cardiology, 1990, 16, 978-985.	1.2	134
186	The thromboxane receptor antagonist SQ 30,741 reduces myocardial infarct size in monkeys when given during reperfusion at a threshold dose for improving reflow during thrombolysis. Journal of the American College of Cardiology, 1990, 15, 883-889.	1.2	11
187	Effects of nicardipine, a calcium antagonist, on myocardial salvage and high energy phosphate stores in reperfused myocardial injury. Journal of the American College of Cardiology, 1990, 16, 1736-1744.	1.2	18
188	Progressive failure of coronary flow during reperfusion of myocardial infarction: Documentation of the no reflow phenomenon with positron emission tomography. Journal of the American College of Cardiology, 1990, 16, 695-704.	1.2	135
189	Effect of superoxide dismutase on infarct size and postischemic recovery of myocardial contractility and metabolism in dogs. Journal of the American College of Cardiology, 1991, 18, 224-230.	1.2	20
190	Positron emission tomography demonstrates that coronary sinus retroperfusion can restore regional myocardial perfusion and preserve metabolism. Journal of the American College of Cardiology, 1991, 18, 257-270.	1.2	21
191	Percutaneous cooling of ischemic myocardium by hypothermic retroperfusion of autologous arterial blood: Effects on regional myocardial temperature distribution and infarct size. Journal of the American College of Cardiology, 1991, 18, 293-300.	1.2	18
192	Antiarrhythmic actions of tocainide in canine models of previous myocardial infarction. American Heart Journal, 1991, 121, 1413-1421.	1.2	0
193	Detection of myocardial infarction in the presence of Wolff-Parkinson-White syndrome by QRST isoarea map in dogs. American Heart Journal, 1991, 121, 763-769.	1.2	10
194	Differentiation of reperfused-viable (stunned) from reperfused-infarcted myocardium at 1 to 3 days postreperfusion by in vivo phosphorus-31 nuclear magnetic resonance spectroscopy. American Heart Journal, 1991, 122, 1571-1582.	1.2	12
195	Comparison of thallium-201 SPECT and planar imaging methods for quantification of experimental myocardial infarct size. American Heart Journal, 1991, 122, 972-979.	1.2	16
196	U74006F, a novel 21-aminosteroid, inhibits in vivo lipid peroxidation but fails to limit infarct size in a canine model of myocardial ischemia reperfusion. American Heart Journal, 1991, 122, 681-689.	1.2	16
197	Effects of myocardial infarction on cardiac electrical field properties using a numerical expansion technique. Journal of Electrocardiology, 1991, 24, 371-377.	0.4	2
198	Failure to reduce infarct size by intracoronary infusion of recombinant human superoxide dismutase at reperfusion in the porcine heart: Immunohistochemical and histological analysis. Journal of Molecular and Cellular Cardiology, 1991, 23, 1287-1296.	0.9	6

#	Article	IF	Citations
199	Protective effect of gangliosides on myocardial hypoxic damage in the rat. European Journal of Pharmacology, 1991, 198, 43-49.	1.7	2
200	Quantitation of the extent of acute myocardial infarction by phosphorus-31 nuclear magnetic resonance spectroscopy. Journal of the American College of Cardiology, 1991, 18, 1380-1387.	1.2	1
201	Retrograde coronary venous administration of recombinant tissue-type plasminogen activator: A unique and effective approach to coronary artery thrombolysis. Journal of the American College of Cardiology, 1991, 18, 613-620.	1.2	18
202	Coronary venous retroinfusion of deferoxamine reduces infarct size in pigs. Journal of the American College of Cardiology, 1991, 18, 621-627.	1.2	12
203	Cellular response of the evolving myocardial infarction after therapeutic coronary artery reperfusion. Human Pathology, 1991, 22, 154-163.	1.1	25
204	Beneficial effects of coronary venous retroinfusion but not left atrial administration of superoxide dismutase on myocardial necrosis in pigs. European Heart Journal, 1991, 12, 442-450.	1.0	14
205	Coupling Interval-Related Effects of Class I Antiarrhythmic Drugs, Mexiletine, Cibenzoline and Disopyramide, on Ventricular Activation in Canine Myocardial Infarction. The Japanese Journal of Pharmacology, 1991, 57, 463-472.	1.2	0
206	Overdose reperfusion of blood cardioplegic solution. Journal of Thoracic and Cardiovascular Surgery, 1991, 101, 275-283.	0.4	20
207	Studies of controlled reperfusion after ischemia. Journal of Thoracic and Cardiovascular Surgery, 1991, 101, 294-302.	0.4	18
208	Studies of controlled reperfusion after ischemia. Journal of Thoracic and Cardiovascular Surgery, 1991, 101, 350-359.	0.4	34
209	Coupling Interval-Related Effects of Class I Antiarrhythmic Drugs, Mexiletine, Cibenzoline and Disopyramide, on Ventricular Activation in Canine Myocardial Infarction.. The Japanese Journal of Pharmacology, 1991, 57, 463-472.	1.2	3
210	Reduction of canine myocardial infarct size by a diffusible reactive oxygen metabolite scavenger. Efficacy of dimethylthiourea given at the onset of reperfusion.. Circulation Research, 1991, 68, 1652-1659.	2.0	31
211	Protection against infarction afforded by preconditioning is mediated by A1 adenosine receptors in rabbit heart.. Circulation, 1991, 84, 350-356.	1.6	1,279
212	Xanthine oxidase inhibition does not limit canine infarct size.. Circulation, 1991, 83, 995-1005.	1.6	35
213	Superoxide Dismutase Therapy for Myocardial Ischemia. Free Radical Research Communications, 1991, 13, 703-720.	1.8	47
214	Preconditioning causes improved wall motion as well as smaller infarcts after transient coronary occlusion in rabbits.. Circulation, 1991, 84, 341-349.	1.6	307
215	Increased oxygen cost of contractility in stunned myocardium of dog.. Circulation Research, 1991, 69, 975-988.	2.0	101
216	Liver Viability After Ischemia-Reperfusion. Archives of Surgery, 1991, 126, 767.	2.3	26

#	Article	IF	Citations
217	Estimation of myocardial infarct size with ultrasonic tissue characterization.. Circulation, 1991, 83, 1419-1428.	1.6	22
218	Assessment of postreperfusion myocardial hemorrhage using proton NMR imaging at 1.5 T.. Circulation, 1992, 86, 1018-1025.	1.6	90
219	Spatial and temporal linking of epicardial activation directions during ventricular fibrillation in dogs. Evidence for underlying organization.. Circulation, 1992, 86, 1547-1558.	1.6	67
220	Improved regional myocardial blood flow, left ventricular unloading, and infarct salvage using an axial-flow, transvalvular left ventricular assist device. A comparison with intra-aortic balloon counterpulsation and reperfusion alone in a canine infarction model.. Circulation, 1992, 85, 1152-1159.	1.6	131
221	Intravenous pretreatment with A1-selective adenosine analogues protects the heart against infarction.. Circulation, 1992, 85, 659-665.	1.6	452
222	The Effect of the 21-Aminosteroid U74006F in a Rabbit Model of Thromboembolic Stroke. Neurosurgery, 1992, 31, 929-934.	0.6	35
223	Reduction in ischemic brain injury in rabbits by the anion transport inhibitor L-644,711.. Stroke, 1992, 23, 93-97.	1.0	29
224	Effects of dietary supplementation with fish oil on atherosclerosis and myocardial injury during acute coronary occlusion-reperfusion in diet-induced hypercholesterolemic rabbits. International Journal of Cardiology, 1992, 35, 323-331.	0.8	19
225	Recombinant tissue-type plasminogen activator ameliorates ischemic derangements induced by thrombotic occlusion in closed chest anesthetized dogs. Journal of the American College of Cardiology, 1992, 20, 218-225.	1.2	3
226	Protection against ischemia during prolonged balloon inflation by distal coronary perfusion with use of an autoperfusion catheter or fluosol. Journal of the American College of Cardiology, 1992, 20, 1378-1384.	1.2	6
227	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. American Heart Journal, 1992, 123, 575-588.	1.2	23
228	Short-term treatment with synchronized coronary venous retroperfusion before full reperfusion significantly reduces myocardial infarct size. American Heart Journal, 1992, 123, 1166-1174.	1.2	2
229	Salvage of ischemic myocardium by nonsynchronized retroperfusion in the pig. Journal of Thoracic and Cardiovascular Surgery, 1992, 104, 619-625.	0.4	4
230	Effects of recombinant human extracellular-superoxide dismutase type C on myocardial infarct size in pigs. Free Radical Biology and Medicine, 1992, 13, 221-230.	1.3	34
231	Inability of dimethylthiourea to limit tissue necrosis during acute myocardial infarction in rabbits. Free Radical Biology and Medicine, 1992, 12, 263-270.	1.3	4
232	Comparison of triphenyltetrazolium chloride (TTC) staining versus detection of fibronectin in experimental myocardial infarction. Histochemistry, 1993, 99, 265-275.	1.9	41
233	Local beta-adrenergic blockade does not reduce infarct size after coronary occlusion and reperfusion: A study of coronary venous retroinfusion of metoprolol. Cardiovascular Drugs and Therapy, 1993, 7, 159-167.	1.3	3
234	Fructose-1,6-diphosphate fails to limit early myocardial infarction size in a canine model. Annals of Emergency Medicine, 1993, 22, 171-177.	0.3	2

#	Article	IF	Citations
235	Early detection of myocardial infarction with magnetic resonance imaging in a canine model. Annals of Emergency Medicine, 1993, 22, 1378-1384.	0.3	3
236	The Effect of Bidisomide (SC-40230), a New Class Ia/Ib Antiarrhythmic Agent, on Defihrillation Energy Requirements in Dogs with Healed Myocardial Infarctions. PACE - Pacing and Clinical Electrophysiology, 1993, 16, 317-326.	0.5	7
237	Reentrant Circuits and the Effects of Heptanol in a Rabbit Model of Infarction with a Uniform Anisotropic Epicardial Border Zone. Journal of Cardiovascular Electrophysiology, 1993, 4, 112-133.	0.8	17
238	Limitation of myocardial infarct size in pigs with a dual lipoxygenase-cyclooxygenase blocking agent by inhibition of neutrophil activity without reduction of neutrophil migration. Journal of the American College of Cardiology, 1993, 22, 1738-1744.	1.2	36
239	Endogenous prostaglandin endoperoxides may alter infarct size in the presence of thromboxane synthase inhibition: Studies in a rabbit model of coronary artery occlusion-reperfusion. Journal of the American College of Cardiology, 1993, 21, 493-501.	1.2	24
240	Blood flow-dependent uptake of indium-111 monoclonal antimyosin antibody in canine acute myocardial infarction. Journal of the American College of Cardiology, 1993, 21, 233-239.	1.2	5
241	Laser-mediated tansmural myocardial channels do not salvage acutely ischemic myocardium. Journal of the American College of Cardiology, 1993, 22, 302-309.	1.2	95
242	Ischemic preconditioning fails to limit infarct size in reserpinized rabbit myocardium. Implication of norepinephrine release in the preconditioning effect.. Circulation, 1993, 88, 2351-2358.	1.6	72
243	Catecholamines can induce adenosine receptor-mediated protection of the myocardium but do not participate in ischemic preconditioning in the rabbit.. Circulation Research, 1993, 73, 649-655.	2.0	95
244	Short-term synchronized retroperfusion before reperfusion reduces infarct size after prolonged ischemia in dogs.. Circulation, 1993, 88, 2370-2380.	1.6	15
245	Does preconditioning protect the coronary vasculature from subsequent ischemia/reperfusion injury?. Circulation, 1993, 88, 659-672.	1.6	49
246	Assessment of risk area during coronary occlusion and infarct size after reperfusion with myocardial contrast echocardiography using left and right atrial injections of contrast.. Circulation, 1993, 88, 596-604.	1.6	141
247	Characterization of spatial patterns of flow within the reperfused myocardium by myocardial contrast echocardiography. Implications in determining extent of myocardial salvage.. Circulation, 1993, 88, 2596-2606.	1.6	160
248	Heat-shock response and limitation of tissue necrosis during occlusion/reperfusion in rabbit hearts.. Circulation, 1993, 87, 963-971.	1.6	274
249	Hyperbaric oxygen limits infarct size in ischemic rabbit myocardium in vivo.. Circulation, 1993, 88, 1931-1936.	1.6	105
250	Evaluating coronary reperfusion during acute myocardial infarction in a canine model by gadolinium-DTPA-enhanced magnetic resonance imaging.. Japanese Circulation Journal, 1993, 57, 458-466.	1.0	5
251	Highly purified eicosapentaenoic acid attenuates tissue damage in experimental myocardial infarction.. Japanese Circulation Journal, 1993, 57, 335-343.	1.0	18
252	<title>Chronic response to direct myocardial revascularization: a preliminary study</title>. , 1993, , .		3

#	Article	IF	Citations
253	Coronary venous retroinfusion of felodipine reducing infarct size without affecting regional myocardial blood flow. European Heart Journal, 1993, 14, 1386-1393.	1.0	22
254	Transforming growth factor-beta 1 reduces infarct size after experimental cerebral ischemia in a rabbit model.. Stroke, 1993, 24, 558-562.	1.0	144
255	Cardioplegic effect of University of Wisconsin solution on hypothermic ischemia of rat myocardium assessed by mitochondrial oxidative phosphorylation. Journal of Thoracic and Cardiovascular Surgery, 1993, 106, 502-510.	0.4	15
256	Physiologic Properties of Myocardial Perfusion Tracers. Cardiology Clinics, 1994, 12, 169-185.	0.9	15
257	Marked reduction in myocardial infarct size due to prolonged infusion of an antioxidant during reperfusion.. Circulation, 1994, 89, 1792-1801.	1.6	113
258	Alpha-adrenoceptor stimulation with exogenous norepinephrine or release of endogenous catecholamines mimics ischemic preconditioning.. Circulation, 1994, 90, 1023-1028.	1.6	145
259	Dobutamine echocardiography for determining the extent of myocardial salvage after reperfusion. An experimental evaluation.. Circulation, 1994, 90, 1502-1512.	1.6	102
260	Adenosine receptor involvement in a delayed phase of myocardial protection 24 hours after ischemic preconditioning.. Circulation, 1994, 90, 2993-3000.	1.6	251
261	Location of superoxide anion in the human colonic mucosa.. Gut, 1994, 35, 284-285.	6.1	1
262	Unexpected interaction between beta-adrenergic blockade and heart rate variability before and after myocardial infarction. A longitudinal study in dogs at high and low risk for sudden death.. Circulation, 1994, 90, 976-982.	1.6	53
263	Protein kinase C. Its role in ischemic preconditioning in the rat.. Circulation Research, 1994, 75, 586-590.	2.0	348
264	Myocardial uptake of thallium 201 and technetium 99m-labeled sestamibi after ischemia and reperfusion: Comparison by quantitative dual-tracer autoradiography in rabbits. Journal of Nuclear Cardiology, 1994, 1, 351-364.	1.4	9
265	Time course of technetium-99m sestamibi myocardial distribution in dogs with a permanent or transient coronary occlusion. European Journal of Nuclear Medicine and Molecular Imaging, 1994, 21, 481-7.	2.2	3
266	Enhanced thrombolysis, reduced coronary reocclusion and limitation of infarct size with liposomal prostaglandin E1in a canine thrombolysis model. Journal of the American College of Cardiology, 1994, 24, 1382-1390.	1.2	19
267	The protective effect of L-arginine on myocardial injury and endothelial function following ischaemia and reperfusion in the pig. European Heart Journal, 1994, 15, 1712-1719.	1.0	55
268	Intravenous administration of the endothelin-1 antagonist BQ-123 does not ameliorate myocardial ischaemic injury following acute coronary artery occlusion in the dog. Cardiovascular Research, 1994, 28, 1672-1678.	1.8	32
269	Hydrogen peroxide as a protective agent during reperfusion A study in the isolated perfused rabbit heart subjected to regional ischemia. Cardiovascular Research, 1995, 30, 1033-1037.	1.8	18
270	Intracoronary magnesium is not protective against acute reperfusion injury in the regional ischaemic-reperfused dog heart. European Journal of Clinical Investigation, 1995, 25, 501-509.	1.7	9

#	Article	IF	Citations
271	Influence of coronary venous retroinfusion and vasodilatation on regional myocardial blood flow measurement with microspheres. An analysis of â€˜microsphere lossâ€™ from ischaemic and reperfused porcine hearts. Acta Physiologica Scandinavica, 1995, 153, 13-20.	2.3	3
272	A new model for occluding the left coronary artery in the rabbit without thoracotomy. CardioVascular and Interventional Radiology, 1995, 18, 340-2.	0.9	3
273	Combined enzyme histochemical and ultrastructural study on cryostat sections of pig heart to detect early reperfusion damage after ischaemia. Journal of Pathology, 1995, 175, 339-348.	2.1	7
274	Magnesium treatment of acute myocardial infarction: effects on necrosis in an occlusion/reperfusion dog model. International Journal of Cardiology, 1995, 48, 3-9.	0.8	18
275	Noninvasive identification of acute myocardial ischemia and reperfusion with contrast ultrasound using intravenous perfluoropropane-exposed sonicated dextrose albumin. Journal of the American College of Cardiology, 1995, 26, 33-40.	1.2	85
276	Effect of triiodothyronine administration in experimental myocardial injury. Journal of Endocrinological Investigation, 1995, 18, 702-709.	1.8	29
277	Hypoxia preconditions rabbit myocardium via adenosine and catecholamine release. Journal of Molecular and Cellular Cardiology, 1995, 27, 1527-1534.	0.9	48
278	Ischaemic preconditioning in a model of global ischaemia: Infarct size limitation, but no reduction of stunning. Journal of Molecular and Cellular Cardiology, 1995, 27, 1623-1632.	0.9	125
279	Validation of three-dimensional echocardiography for quantifying the extent of dyssynergy in canine acute myocardial infarction: Comparison with two-dimensional echocardiography. Journal of the American College of Cardiology, 1996, 27, 1761-1770.	1.2	16
280	Myocardial perfusion abnormalities during low-dose dobutamine after coronary reperfusion can be demonstrated with intravenous perfluorocarbon-exposed sonicated dextrose albumin ultrasound contrast. American Heart Journal, 1996, 131, 1079-1087.	1.2	9
281	Reduction of canine infarct size by bolus intravenous administration of liposomal prostaglandin E1: Comparison with control, placebo liposomes, and continuous intravenous infusion of prostaglandin E1. American Heart Journal, 1996, 132, 747-757.	1.2	15
282	Myocardial protection after monophosphoryl lipid A: studies of delayed antiâ€ischaemic properties in rabbit heart. British Journal of Pharmacology, 1996, 117, 1685-1692.	2.7	40
283	Myocardial salvage by the use of reperfusion and intraaortic balloon pump: Experimental study. Annals of Thoracic Surgery, 1996, 61, 629-634.	0.7	37
284	Is the preconditioning response conserved in senescent myocardium?. Annals of Thoracic Surgery, 1996, 61, 925-929.	0.7	63
285	Cellular and Ionic Mechanisms Underlying Erythromycin-Induced Long QT Intervals and Torsade de Pointes. Journal of the American College of Cardiology, 1996, 28, 1836-1848.	1.2	266
286	Extensive myocytolysis as a marker of sudden cardiac death. Cardiovascular Pathology, 1996, 5, 315-321.	0.7	13
287	Influence of the terminal complement-complex on reperfusion injury, no-reflow and arrhythmias: a comparison between C6-competent and C6-deficient rabbits. Cardiovascular Research, 1996, 32, 294-305.	1.8	44
288	Protective effect of methionine in the ischemia-reperfusion cardiac injury in the canine model. International Journal of Angiology, 1996, 5, 93-101.	0.2	3

#	Article	IF	Citations
289	Methods for studying experimental myocardial ischemic and reperfusion injury. Journal of Pharmacological and Toxicological Methods, 1996, 35, 179-190.	0.3	33
290	Paramagnetic metalloporphyrins: infarct avid contrast agents for diagnosis of acute myocardial infarction by MRI. European Radiology, 1996, 6, 2-8.	2.3	95
291	Esmolol and percutaneous cardiopulmonary bypass enhance myocardial salvage during ischemia in a dog model. Journal of Thoracic and Cardiovascular Surgery, 1996, 111, 1085-1091.	0.4	13
292	Low-dose inotropic stimulation during left ventricular ischaemia does not worsen post-ischaemic dysfunction. Cardiovascular Research, 1996, 32, 1024-1037.	1.8	14
293	Protection against myocardial ischemia and reperfusion injury by 3-aminobenzamide, an inhibitor of poly (ADP-ribose) synthetase. Cardiovascular Research, 1997, 36, 205-215.	1.8	206
294	High spinal anesthesia does not alter experimental myocardial infarction size or ischemic preconditioning. Journal of Cardiothoracic and Vascular Anesthesia, 1997, 11, 72-79.	0.6	4
295	Protective actions of a thromboxane receptor antagonist, SQ 29548 on the ischemic myocardium: morphologic and hemodynamic effects. Prostaglandins Leukotrienes and Essential Fatty Acids, 1997, 56, 105-110.	1.0	8
296	EFFECT OF AMILORIDE A Na+/H+EXCHANGE INHIBITOR ON CARDIOPROTECTIVE EFFECT OF ISCHAEMIC PRECONDITIONING: POSSIBLE INVOLVEMENT OF RESIDENT CARDIAC MAST CELLS. Pharmacological Research, 1997, 36, 95-102.	3.1	24
297	Myocardial Contrast Echocardiography in Acute Myocardial Infarction Using Aortic Root Injections of Microbubbles in Conjunction With Harmonic Imaging: Potential Application in the Cardiac Catheterization Laboratory. Journal of the American College of Cardiology, 1997, 29, 207-216.	1.2	52
298	Influence of Severity of Myocardial Injury on Distribution of Macromolecules: Extravascular Versus Intravascular Gadolinium-Based Magnetic Resonance Contrast Agents. Journal of the American College of Cardiology, 1997, 30, 1086-1094.	1.2	86
299	Three-Dimensional Myocardial Contrast Echocardiography: Validation of In Vivo Risk and Infarct Volumes. Journal of the American College of Cardiology, 1997, 30, 1892-1899.	1.2	21
300	Differentiation of myocardial ischemia and necrosis by technetium 99m glucaric acid kinetics*1. Journal of Nuclear Cardiology, 1997, 4, 274-282.	1.4	9
301	Endothelium-dependent coronary flow in ischemia reperfusion. Experimental and Toxicologic Pathology, 1997, 49, 147-151.	2.1	10
303	Effects of coronary venous retroinfusion of lipo-prostaglandin E1 on myocardial infarct size in pigs. International Journal of Angiology, 1997, 6, 180-183.	0.2	1
304	Cardiac sympathetic nerve function assessed by [131I]metaiodobenzylguanidine after ischemia and reperfusion in anesthetized dogs1. Journal of Nuclear Cardiology, 1997, 4, 33-41.	1.4	8
305	Title is missing!. Molecular and Cellular Biochemistry, 1998, 186, 35-41.	1.4	17
306	Is stunning prevented by ischemic preconditioning?. Molecular and Cellular Biochemistry, 1998, 186, 123-129.	1.4	15
307	Myocardioprotective effects of felodipine in an antihypertensive dosage: an experimental study in pigs. Cardiovascular Drugs and Therapy, 1998, 12, 37-45.	1.3	4

#	Article	IF	Citations
308	EFFECTS OF LOCAL INHIBITION OF THE CARDIAC RENIN-ANGIOTENSIN SYSTEM WITH CV-11974 IN A CANINE ISCHAEMIA-REPERFUSION MODEL. Clinical and Experimental Pharmacology and Physiology, 1998, 25, 503-509.	0.9	9
309	Coronary thrombosis/thrombolysis in pigs: effects of heparin, asa, and the thrombin inhibitor inogatran. Journal of Pharmacological and Toxicological Methods, 1998, 39, 81-89.	0.3	4
310	The Lipid Peroxidation Inhibitor Indenoindole H290/51 Protects Myocardium at Risk of Injury Induced by Ischemia-Reperfusion. Free Radical Biology and Medicine, 1998, 24, 726-731.	1.3	10
311	Three-dimensional87Rb imaging of isolated pig hearts: Effects of regional ischemia. Magnetic Resonance in Medicine, 1998, 40, 175-179.	1.9	10
312	The novel nonâ€peptide selective endothelin A receptor antagonist LU 135â€ƒ252 protects against myocardial ischaemic and reperfusion injury in the pig. Acta Physiologica Scandinavica, 1998, 163, 131-137.	2.3	20
313	Quantification of infarct size on focal cerebral ischemia model of rats using a simple and economical method. Journal of Neuroscience Methods, 1998, 84, 9-16.	1.3	102
314	Retrograde Infusion of Lidocaine or l-Arginine Before Reperfusion Reduces Myocardial Infarct Size. Annals of Thoracic Surgery, 1998, 65, 1353-1359.	0.7	37
315	Effects of reperfusion on arrhythmias and death after coronary artery occlusion in the rat: increased electrical stability independent of myocardial salvage. Journal of the American College of Cardiology, 1998, 32, 261-267.	1.2	34
316	Quantification and time course of microvascular obstruction by contrast-enhanced echocardiography and magnetic resonance imaging following acute myocardial infarction and reperfusion. Journal of the American College of Cardiology, 1998, 32, 1756-1764.	1.2	300
317	Release and effects of calcitonin gene-related peptide in myocardial ischaemia. Scandinavian Cardiovascular Journal, 1998, 32, 1-36.	0.4	29
318	Decreased Expression of Tissue Inhibitor of Metalloproteinase 1 in Stunned Myocardium. Journal of Surgical Research, 1998, 77, 35-39.	0.8	33
319	Myocardial Perfusion Characteristics and Hemodynamic Profile of MRX-115, a Venous Echocardiographic Contrast Agent, During Acute Myocardial Infarction. Journal of the American Society of Echocardiography, 1998, 11, 36-46.	1.2	49
320	Release and effects of calcitonin gene-related peptide in myocardial ischaemia. Scandinavian Cardiovascular Journal, 1998, 32, 1-36.	0.4	26
321	N -Methyl-1-Deoxynojirimycin (MOR-14), an Î±-Glucosidase Inhibitor, Markedly Reduced Infarct Size in Rabbit Hearts. Circulation, 1998, 97, 1290-1297.	1.6	19
322	Intra-coronary administration of ?-arginine aggravates myocardial stunning through production of peroxynitrite in dogs. Cardiovascular Research, 1998, 40, 113-123.	1.8	67
323	Progression of Myocardial Necrosis During Reperfusion of Ischemic Myocardium. Circulation, 1998, 97, 795-804.	1.6	205
324	Albumin Microbubble Persistence During Myocardial Contrast Echocardiography Is Associated With Microvascular Endothelial Glycocalyx Damage. Circulation, 1998, 98, 2187-2194.	1.6	89
325	Transmyocardial laser â€“ revascularization: experimental studies on prolonged acute regional ischemia1. European Journal of Cardio-thoracic Surgery, 1998, 13, 694-701.	0.6	24

#	Article	IF	Citations
326	Calcitonin gene-related peptide in myocardial ischaemia and reperfusion in the pig. Cardiovascular Research, 1998, 38, 493-499.	1.8	45
327	Overexpression of human copper,zinc-superoxide dismutase (SOD1) prevents postischemic injury. Proceedings of the National Academy of Sciences of the United States of America, 1998, 95, 4556-4560.	3.3	228
328	YM866, a Novel Modified Tissue-Type Plasminogen Activator, Affects Left Ventricular Function and Myocardial Infarct Development in Dogs With Coronary Artery Thrombi. The Japanese Journal of Pharmacology, 1998, 77, 177-183.	1.2	7
329	Heat stress-induced resistance to myocardial infarction in the isolated heart from transgenic [(mREN-2)27] hypertensive rats. Cardiovascular Research, 1998, 40, 124-130.	1.8	11
330	Differentiation of Viable and Nonviable Myocardium by the Use of Three-Dimensional Tagged MRI in 2-Day-Old Reperfused Canine Infarcts. Circulation, 1999, 99, 284-291.	1.6	84
331	Relationship of Elevated ²³ Na Magnetic Resonance Image Intensity to Infarct Size After Acute Reperfused Myocardial Infarction. Circulation, 1999, 100, 185-192.	1.6	124
332	Noninvasive Measurements of Infarct Size After Thrombolysis With a Necrosis-Avid MRI Contrast Agent. Circulation, 1999, 99, 690-696.	1.6	87
333	Electroanatomic Left Ventricular Mapping in the Porcine Model of Healed Anterior Myocardial Infarction. Circulation, 1999, 100, 1744-1750.	1.6	283
334	Physiological Basis for Potassium (³⁹ K) Magnetic Resonance Imaging of the Heart. Circulation Research, 1999, 84, 913-920.	2.0	34
335	Granulocyte accumulation in ischemic/reperfused myocardium: Assessment with a technetium-99m?labeled antigranulocyte monoclonal antibody in the dog*1. Journal of Nuclear Cardiology, 1999, 6, 641-650.	1.4	1
336	The role of theL-arginine/nitric oxide pathway in myocardial ischaemic and reperfusion injury. Acta Physiologica Scandinavica, 1999, 167, 151-159.	2.3	25
337	A novel anti-diabetic drug, miglitol, markedly reduces myocardial infarct size in rabbits. British Journal of Pharmacology, 1999, 128, 1667-1672.	2.7	25
338	The angiotensin II AT1 receptor antagonist candesartan at antihypertensive plasma concentrations reduces damage induced by ischemia-reperfusion. Cardiovascular Drugs and Therapy, 1999, 13, 347-354.	1.3	10
339	Effect of non-selective endothelin blockade, TAK-044, on the ischemic cellular injury of rat heart. Basic Research in Cardiology, 1999, 94, 94-101.	2.5	15
340	A Na+â€“H+ exchange inhibitor (SM-20550) protects from microvascular deterioration and myocardial injury after reperfusion. European Journal of Pharmacology, 1999, 374, 355-366.	1.7	25
341	Complement depletion does not reduce brain injury in a rabbit model of thromboembolic stroke. Brain Research Bulletin, 1999, 48, 325-331.	1.4	33
342	Reduction in myocardial infarct size by basic fibroblast growth factor following coronary occlusion in a canine model. International Journal of Cardiology, 1999, 68, S85-S91.	0.8	33
343	Transmyocardial laser revascularization: experimental studies in healthy porcine myocardium. Annals of Thoracic Surgery, 1999, 67, 1708-1713.	0.7	14

#	Article	IF	Citations
344	Phenylephrine induces delayed cardioprotection against necrosis without amelioration of stunning. Annals of Thoracic Surgery, 1999, 68, 1219-1224.	0.7	10
346	Development and Evaluation of a New Canine Myocardial Infarction Model Using a Closed-Chest Injection of Thrombogenic Material. Japanese Circulation Journal, 1999, 63, 900-905.	1.0	25
347	Pulmonary morphofunctional effects of acute myocardial infarction. European Respiratory Journal, 1999, 14, 751.	3.1	2
348	Beneficial effect of HEPES buffer in repeated coronary reperfusion. Coronary Artery Disease, 2000, 11, 179-182.	0.3	1
349	Three-dimensional87Rb NMR imaging and spectroscopy of K+ fluxes in normal and postischemic pig hearts. Magnetic Resonance in Medicine, 2000, 44, 83-91.	1.9	18
350	Effects of ischemia on intracellular rubidium in pig and rat hearts:87Rb NMR imaging and spectroscopic study. Magnetic Resonance in Medicine, 2000, 44, 193-200.	1.9	10
351	Contrast-enhanced MRI for the assessment of myocardial viability after permanent coronary artery occlusion. Magnetic Resonance in Medicine, 2000, 44, 309-316.	1.9	37
352	Noninvasive assessment of cardiac ischemic injury using87Rb and23Na MR imaging,31P MR, and optical spectroscopy. Magnetic Resonance in Medicine, 2000, 44, 899-908.	1.9	17
353	Possible mechanism of cardioprotective effect of angiotensin preconditioning in isolated rat heart. European Journal of Pharmacology, 2000, 406, 85-92.	1.7	29
354	Protein kinase C is involved in cardioprotective effects of ischemic preconditioning on infarct size and ventricular arrhythmia in rats in vivo. Molecular and Cellular Biochemistry, 2000, 214, 39-45.	1.4	15
355	Effect of ethylisopropyl amiloride, a Na+ - H+ exchange inhibitor, on cardioprotective effect of ischaemic and angiotensin preconditioning. , 2000, 214, 31-38.		17
356	SB 203580, a mitogen-activated protein kinase inhibitor, abolishes resistance to myocardial infarction induced by heat stress. Cardiovascular Drugs and Therapy, 2000, 14, 337-343.	1.3	20
357	Technetium-99m glucarate uptake in a swine model of limited flow plus increased demand. Journal of Nuclear Cardiology, 2000, 7, 590-598.	1.4	14
358	Evaluation of Myocardial Viability by MRI. Herz, 2000, 25, 417-430.	0.4	59
359	Estimation of the area at risk in myocardial infarction of rats by means of I-123 Î²-methyliodophenyl pentadecanoic acid imaging. Annals of Nuclear Medicine, 2000, 14, 347-352.	1.2	5
360	Arrhythmogenic potential of positive inotropic agents. Basic Research in Cardiology, 2000, 95, 186-198.	2.5	29
361	Influence of the angiotensin II AT 1 receptor antagonist irbesartan on ischemia/reperfusion injury in the dog heart. Basic Research in Cardiology, 2000, 95, 404-412.	2.5	13
362	Glucose-insulin-potassium preserves systolic and diastolic function in ischemia and reperfusion in pigs. American Journal of Physiology - Heart and Circulatory Physiology, 2000, 278, H595-H603.	1.5	40

#	Article	IF	Citations
363	Relation between regional function and coronary blood flow reserve in multivessel coronary artery stenosis. American Journal of Physiology - Heart and Circulatory Physiology, 2000, 279, H3058-H3064.	1.5	5
364	Recombinant human, active site-blocked factor VIIa reduces infarct size and no-reflow phenomenon in rabbits. American Journal of Physiology - Heart and Circulatory Physiology, 2000, 278, H1507-H1516.	1.5	49
365	Myocardial Postischemic Injury Is Reduced by PolyADPribose Polymerase-1 Gene Disruption. Molecular Medicine, 2000, 6, 271-282.	1.9	147
367	Effect of caspase inhibitors on myocardial infarct size and myocyte DNA fragmentation in the ischemiaâ€“reperfused rat heart. Cardiovascular Research, 2000, 45, 642-650.	1.8	125
368	Pathomorphological and Histological Analysis of the Indirect Revascularization Method. Thoracic and Cardiovascular Surgeon, 2000, 48, 255-262.	0.4	1
369	Mechanisms of Ventricular Fibrillation Induction by 60-Hz Alternating Current in Isolated Swine Right Ventricle. Circulation, 2000, 102, 1569-1574.	1.6	26
370	Pathologic Assessment of Myocardial Cell Necrosis and Apoptosis after Ischemia and Reperfusion with Molecular and Morphological Markers. Journal of Molecular and Cellular Cardiology, 2000, 32, 209-224.	0.9	65
371	Propidium Iodide Compares Favorably with Histology and Triphenyl Tetrazolium Chloride in the Assessment of Experimentally-induced Infarct Size. Journal of Molecular and Cellular Cardiology, 2000, 32, 225-232.	0.9	25
372	Location as a Determinant of Myocardial Infarction in Rabbits. Journal of Molecular and Cellular Cardiology, 2000, 32, 505-510.	0.9	3
373	Reduction of the infarcted area with the use of simplified coronary sinus retroperfusion during experimental coronary artery occlusion. International Journal of Cardiology, 2000, 73, 115-121.	0.8	8
374	An experimental model of chronic myocardial hibernation. Annals of Thoracic Surgery, 2000, 69, 1351-1357.	0.7	47
375	POSSIBLE MECHANISM OF CARDIOPROTECTIVE EFFECT OF ISCHAEMIC PRECONDITIONING IN ISOLATED RAT HEART. Pharmacological Research, 2000, 41, 635-640.	3.1	31
376	Coronary collateral development during chronic ischemia: serial assessment using harmonic myocardial contrast echocardiography. Journal of the American College of Cardiology, 2000, 36, 618-624.	1.2	27
377	Transmural contractile reserve after reperfused myocardial infarction in dogs. Journal of the American College of Cardiology, 2000, 36, 2339-2346.	1.2	33
378	Open-Heart Endocardial Radiofrequency Ablation: An Alternative to Incisions in Maze Surgery. Journal of Surgical Research, 2001, 97, 27-33.	0.8	16
379	Mechanism of myocardial dysfunction in the Presence of chronic coronary stenosis and Normal resting myocardial blood flow: Clinical implications. Journal of the American Society of Echocardiography, 2001, 14, 1047-1056.	1.2	11
380	Discrepant outcome between myocardial energy-related metabolites and infarct size limitation during retroperfusion of the coronary sinus. Scandinavian Journal of Clinical and Laboratory Investigation, 2001, 61, 651-662.	0.6	1
381	Involvement of nitric oxide in cardioprotective effect of endothelin receptor antagonist during ischemia-reperfusion. American Journal of Physiology - Heart and Circulatory Physiology, 2001, 280, H1105-H1112.	1.5	37

#	Article	IF	Citations
382	Combination of N-Methyl-1-Deoxynojirimycin and Ischemic Preconditioning Markedly Reduces the Size of Myocardial Infarcts in Rabbits. Japanese Circulation Journal, 2001, 65, 673-677.	1.0	4
383	Limitation of infarct size and attenuation of myeloperoxidase activity by an endothelin A receptor antagonist following ischaemia and reperfusion. Basic Research in Cardiology, 2001, 96, 454-462.	2.5	34
384	Energy-related metabolites during and after induced myocardial infarction with special emphasis on the reperfusion injury after extracorporeal circulation. Acta Physiologica Scandinavica, 2001, 171, 129-143.	2.3	17
385	Effects of flow and energy metabolism on injury and Rb+ uptake in pig hearts: An87Rb and31P NMR study. Magnetic Resonance in Medicine, 2001, 46, 963-973.	1.9	11
386	Protein kinase C activation and cardioprotective effect of preconditioning with oxidative stress in isolated rat heart. , 2001, 219, 1-6.		30
387	The use of Gd-DTPA as a marker of myocardial viability in reperfused acute myocardial infarction. International Journal of Cardiovascular Imaging, 2001, 17, 395-404.	0.2	34
388	Early Evolution from Ischemia to Myocardial Necrosis. Cardiovascular Toxicology, 2001, 1, 083-086.	1.1	3
389	Role of protein kinase C in the reduction of infarct size by N -methyl-1-deoxynojirimycin, an Î±-1,6-glucosidase inhibitor. British Journal of Pharmacology, 2001, 133, 635-642.	2.7	4
390	Combination of miglitol, an anti-diabetic drug, and nicorandil markedly reduces myocardial infarct size through opening the mitochondrial KATP channels in rabbits. British Journal of Pharmacology, 2001, 133, 1041-1046.	2.7	7
391	Nucleoside transport inhibition in ischemic myocardium results in enhanced taurine efflux. European Journal of Pharmacology, 2001, 411, 143-154.	1.7	8
392	Norepinephrine release after acute brain death abolishes the cardioprotective effects of ischemic preconditioning in rabbit. European Journal of Cardio-thoracic Surgery, 2001, 19, 313-320.	0.6	12
393	Assessment of Myocardial Postreperfusion Viability by Intravenous Myocardial Contrast Echocardiography. Circulation, 2001, 103, 2021-2027.	1.6	21
394	Exercise directly enhances myocardial tolerance to ischaemia-reperfusion injury in the rat through a protein kinase C mediated mechanism. British Heart Journal, 2001, 85, 331-336.	2.2	65
395	Differential effect of preconditioning on post-ischaemic myocardial performance in the absence of substantial infarction and in extensively infarcted rat hearts. European Journal of Cardio-thoracic Surgery, 2001, 19, 493-499.	0.6	10
396	Noninvasive Prediction of Ultimate Infarct Size at the Time of Acute Coronary Occlusion Based on the Extent and Magnitude of Collateral-Derived Myocardial Blood Flow. Circulation, 2001, 104, 2471-2477.	1.6	122
397	Optical Mapping of Ventricular Defibrillation in Isolated Swine Right Ventricles. Circulation, 2001, 104, 227-233.	1.6	46
398	Short-acting calcium antagonist clevidipine protects against reperfusion injury via local nitric oxide-related mechanisms in the jeopardised myocardium. Cardiovascular Research, 2001, 51, 100-107.	1.8	19
399	Pharmacological tools for the limitation of myocardial reperfusion injury Experimental evidence. European Heart Journal Supplements, 2001, 3, C28-C35.	0.0	1

#	Article	IF	Citations
400	The Lectin-like Domain of Thrombomodulin Confers Protection from Neutrophil-mediated Tissue Damage by Suppressing Adhesion Molecule Expression via Nuclear Factor ÎºB and Mitogen-activated Protein Kinase Pathways. Journal of Experimental Medicine, 2002, 196, 565-577.	4.2	325
401	Assessment of myocardial viability by cardiovascular magnetic resonance imaging. European Heart Journal, 2002, 23, 602-619.	1.0	132
402	MR Imaging of Spatial Extent of Microvascular Injury in Reperfused Ischemically Injured Rat Myocardium: Value of Blood Pool Ultrasmall Superparamagnetic Particles of Iron Oxide. Radiology, 2002, 225, 479-486.	3.6	39
403	Influence of Angiotensin II Type 1-Receptor Antagonist CV11974 on Infarct Size and Adjacent Regional Function After Ischemia-Reperfusion in Dogs. The Japanese Journal of Pharmacology, 2002, 89, 120-125.	1.2	4
404	Calcium Antagonist Clevidipine Reduces Myocardial Reperfusion Injury by a Mechanism Related to Bradykinin and Nitric Oxide. Journal of Cardiovascular Pharmacology, 2002, 40, 564-570.	0.8	19
405	Amelioration of myocardial global ischemia/reperfusion injury with volume-regulatory chloride channel inhibitors in vivo1. Transplantation, 2002, 73, 1185-1193.	0.5	21
406	Value of T2-Weighted Magnetic Resonance Imaging Early After Myocardial Infarction in Dogs. Investigative Radiology, 2002, 37, 77-85.	3.5	54
407	Effect of Ischemic Preconditioning and Mitochondrial KATP Channel Openers on Chronic Left Ventricular Remodeling in the Ischemic-Reperfused Rat Heart.. Circulation Journal, 2002, 66, 411-415.	0.7	23
408	Regional Variations in Myocardial Tissue Oxygenation Mapped by Near-Infrared Spectroscopic Imaging. Journal of Molecular and Cellular Cardiology, 2002, 34, 1195-1203.	0.9	39
409	Detection of coronary stenosis andmyocardial viability using a singleintravenous bolus injection of BR14. Journal of the American College of Cardiology, 2002, 39, 523-529.	1.2	10
410	Dobutamine versus dipyridamole for inducing reversible perfusion defects in chronic multivessel coronary artery stenosis. Journal of the American College of Cardiology, 2002, 40, 167-174.	1.2	34
411	The role of serotonin in ischemic cellular damage and the infarct size-reducing effect of sarpogrelate, a 5-hydroxytryptamine-2 receptor blocker, in rabbit hearts. Journal of the American College of Cardiology, 2002, 40, 1347-1355.	1.2	62
412	Models of Cardiac Ischemiaâ€Reperfusion Injury in Dogs and Rats. Current Protocols in Pharmacology, 2002, 16, Unit 5.27.	4.0	0
413	Cardioprotective effect induced by brief exposure to nitric oxide before myocardial ischemiaâ€“reperfusion in vivo. Nitric Oxide - Biology and Chemistry, 2002, 7, 210-216.	1.2	36
414	Effects of regional hypoxia and acidosis on Rb+ uptake and energetics in isolated pig hearts: 87Rb MRI and 31P MR spectroscopic study. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2002, 1586, 57-70.	1.8	9
415	Detrimental implication of B1 receptors in myocardial ischemia: evidence from pharmacological blockade and gene knockout mice. International Immunopharmacology, 2002, 2, 815-822.	1.7	59
416	Protective Effects of Anti-Neutrophil Antibody against Myocardial Ischemia/Reperfusion Injury in Rats. European Surgical Research, 2002, 34, 313-320.	0.6	17
417	Effect of adrenergic stimulation on Rb+ uptake in normal and ischemic areas of isolated pig hearts:87Rb MRI study. Magnetic Resonance in Medicine, 2002, 48, 15-20.	1.9	9

#	Article	IF	Citations
418	The effects of drugs modulating K+ transport on Rb+ uptake and distribution in pig hearts following regional ischemia:87Rb MRI study. NMR in Biomedicine, 2002, 15, 348-355.	1.6	7
419	Exercise, antioxidants, and HSP72: protection against myocardial ischemia/reperfusion. Free Radical Biology and Medicine, 2003, 34, 800-809.	1.3	163
420	Assessment of myocardial lesion size during in vitro radio frequency catheter ablation. IEEE Transactions on Biomedical Engineering, 2003, 50, 768-776.	2.5	14
421	Imaging of ischemia and infarction in blood-perfused pig hearts using87Rb MRI. Magnetic Resonance in Medicine, 2003, 49, 99-107.	1.9	22
422	Mapping ischemic risk region and necrosis in the isolated heart using EPR imaging. Magnetic Resonance in Medicine, 2003, 49, 1181-1187.	1.9	20
423	Role of nuclear factor-Î¹ B activation in acute ischaemia-reperfusion injury in myocardium. British Journal of Pharmacology, 2003, 138, 894-900.	2.7	49
424	Further insights into the no-reflow phenomenon after primary angioplasty in acute myocardial infarction: The role of microthromboemboli. Journal of the American Society of Echocardiography, 2003, 16, 15-21.	1.2	74
425	Left ventricular support by Catheter-Mountedaxial flow pump reduces infarct size. Journal of the American College of Cardiology, 2003, 41, 1087-1095.	1.2	205
426	MR imaging of myocardial perfusion and viability. Magnetic Resonance Imaging Clinics of North America, 2003, 11, 49-66.	0.6	36
427	Norepinephrine-induced delayed cardioprotection against stunning is at the expense of a higher postischemic arrhythmia rate. Vascular, 2003, 11, 475-482.	0.5	5
428	Infarct size limiting effect of apstatin alone and in combination with enalapril, lisinopril and ramipril in rats with experimental myocardial infarction. Pharmacological Research, 2003, 48, 557-563.	3.1	6
429	Myocardial tissue troponins T and I. Cardiovascular Pathology, 2003, 12, 65-71.	0.7	125
430	Upregulation of Angiotensin II Type 2 Receptor and Limitation of Myocardial Stunning by Angiotensin II Type 1 Receptor Blockers during Reperfused Myocardial Infarction in the Rat. Journal of Cardiovascular Pharmacology and Therapeutics, 2003, 8, 217-226.	1.0	12
431	BM-573, a Dual Thromboxane Synthase Inhibitor and Thromboxane Receptor Antagonist, Prevents Pig Myocardial Infarction Induced by Coronary Thrombosis. Journal of Pharmacology and Experimental Therapeutics, 2003, 306, 59-65.	1.3	25
432	Stunned, Infarcted, and Normal Myocardium in Dogs: Simultaneous Differentiation by Using Gadolinium-enhanced Cine MR Imaging with Magnetization Transfer Contrast. Radiology, 2003, 226, 723-730.	3.6	39
433	Acute Reduction of Myocardial Infarct Size By a Hydroxymethyl Glutaryl Coenzyme A Reductase Inhibitor Is Mediated by Endothelial Nitric Oxide Synthase. Journal of Cardiovascular Pharmacology, 2003, 41, 474-480.	0.8	73
434	Cardiac outflow of amino acids and purines during myocardial ischemia and reperfusion. Journal of Applied Physiology, 2003, 94, 1122-1128.	1.2	36
435	HSP70.1 and -70.3 are required for late-phase protection induced by ischemic preconditioning of mouse hearts. American Journal of Physiology - Heart and Circulatory Physiology, 2003, 285, H866-H874.	1.5	61

#	Article	IF	Citations
436	Extent of damage in ischemic, nonreperfused, and reperfused myocardium of anesthetized rats. American Journal of Physiology - Heart and Circulatory Physiology, 2003, 285, H755-H765.	1.5	21
437	Evaluation of stunned and infarcted canine myocardium by real time myocardial contrast echocardiography. Brazilian Journal of Medical and Biological Research, 2003, 36, 1501-1509.	0.7	12
438	Usefulness of Multidetector-row CT in the Evaluation of Reperfused Myocardial Infarction in a Rabbit Model. Korean Journal of Radiology, 2004, 5, 19.	1.5	27
439	Failure to Demonstrate Myocardial Protective Effects of the Ultra Short-Acting Calcium Antagonist Clevidipine in a Closed-Chest Reperfusion Porcine Model. Journal of Cardiovascular Pharmacology, 2004, 44, 407-415.	0.8	18
440	Simvastatin Acutely Reduces Myocardial Reperfusion Injury In Vivo by Activating the Phosphatidylinositide 3-Kinase/Akt Pathway. Journal of Cardiovascular Pharmacology, 2004, 44, 348-355.	0.8	100
441	Protection against ventricular arrhythmias and cardiac death using adenosine and lidocaine during regional ischemia in the in vivo rat. American Journal of Physiology - Heart and Circulatory Physiology, 2004, 287, H1286-H1295.	1.5	56
442	Assessment of Regional Myocardial Blood Flow with Myocardial Contrast Echocardiography: An Experimental Study. Echocardiography, 2004, 21, 409-416.	0.3	8
443	Gastric Emptying and Gastrointestinal Transit of Liquid in Awake Rats Is Delayed After Acute Myocardial Infarction. Digestive Diseases and Sciences, 2004, 49, 757-762.	1.1	6
444	Time course studies on the functional evaluation of experimental chronic myocardial infarction in rats. Molecular and Cellular Biochemistry, 2004, 267, 47-58.	1.4	9
445	No effect of stem cell mobilization with GM-CSF on infarct size and left ventricular function in experimental acute myocardial infarction. Basic Research in Cardiology, 2004, 99, 241-6.	2.5	13
446	Assessment of myocardial infarction in pigs using a rapid clearance blood pool contrast medium. Magnetic Resonance in Medicine, 2004, 51, 703-709.	1.9	15
447	Determining the extent to which delayed-enhancement images reflect the partition-coefficient of Gd-DTPA in canine studies of reperfused and unreperfused myocardial infarction. Magnetic Resonance in Medicine, 2004, 52, 1069-1079.	1.9	26
448	Valsartan-induced cardioprotection involves angiotensin II type 2 receptor upregulation in dog and rat models of in vivo reperfused myocardial infarction. Journal of Cardiac Failure, 2004, 10, 74-82.	0.7	27
449	Effects of glycoprotein iib/iiia inhibition on microvascular flow after coronary reperfusion. Journal of the American College of Cardiology, 2004, 43, 276-283.	1.2	106
450	Involvement of nitric oxide and prostaglandin pathways in the cardioprotective actions of bradykinin in rats with experimental myocardial infarction. Pharmacological Research, 2004, 49, 23-29.	3.1	16
451	High Resolution Magnetic Images of Planar Wave Fronts Reveal Bidomain Properties of Cardiac Tissue. Biophysical Journal, 2004, 87, 4326-4332.	0.2	24
452	TNF-Î± is required for late ischemic preconditioning but not for remote preconditioning of trauma. Journal of Surgical Research, 2004, 121, 120-129.	0.8	60
453	Magnetic Resonance Imaging of Myocardial Perfusion and Viability Using a Blood Pool Contrast Agent. Investigative Radiology, 2004, 39, 498-505.	3.5	23

#	Article	IF	Citations
454	Remifentanil limits infarct size but attenuates preconditioning-induced infarct limitation. Coronary Artery Disease, 2004, 15, 449-455.	0.3	17
455	Moderate Systemic Hypotension During Reperfusion Reduces the Coronary Blood Flow and Increases the Size of Myocardial Infarction in Pigs. Chest, 2004, 125, 1492-1499.	0.4	15
456	Cardioprotective Effect of Zofenopril in Perfused Rat Heart Subjected to Ischemia and Reperfusion. Journal of Cardiovascular Pharmacology, 2004, 43, 294-299.	0.8	34
457	Remote Ischemic Preconditioning of the Recipient Reduces Myocardial Ischemia-Reperfusion Injury of the Denervated Donor Heart via a Katp Channel-Dependent Mechanism. Transplantation, 2005, 79, 1691-1695.	0.5	175
458	Late gadolinium cardiovascular magnetic resonance in the assessment of myocardial viability. Coronary Artery Disease, 2005, 16, 365-372.	0.3	19
459	NF-Î²B in Cardiovascular Disease: Diverse and Specific Effects of a "General" Transcription Factor?. Cardiovascular Toxicology, 2005, 5, 183-202.	1.1	69
460	Lack of acute cardioprotective effect from preischaemic erythropoietin administration in a porcine coronary occlusion model. Clinical Physiology and Functional Imaging, 2005, 25, 305-310.	0.5	28
461	Oral pre-treatment with rosuvastatin protects porcine myocardium from ischaemia/reperfusion injury via a mechanism related to nitric oxide but not to serum cholesterol level. Acta Physiologica Scandinavica, 2005, 183, 151-159.	2.3	28
462	alpha1-RECEPTOR OR ADENOSINE A1-RECEPTOR DEPENDENT PATHWAY ALONE IS NOT SUFFICIENT BUT SUMMATION OF THESE PATHWAYS IS REQUIRED TO ACHIEVE AN ISCHAEMIC PRECONDITIONING EFFECT IN RABBITS. Clinical and Experimental Pharmacology and Physiology, 2005, 32, 263-268.	0.9	4
463	Pretreatment with an adenosine A1 receptor agonist and lidocaine: A possible alternative to myocardial ischemic preconditioning. Journal of Thoracic and Cardiovascular Surgery, 2005, 130, 371-377.	0.4	25
464	Mechanical left ventricular unloading prior to reperfusion reduces infarct size in a canine infarction model. Catheterization and Cardiovascular Interventions, 2005, 64, 182-192.	0.7	74
465	Regional differences of myocardial infarct development and ischemic preconditioning. Basic Research in Cardiology, 2005, 100, 48-56.	2.5	16
466	Time course studies on the initiation of complement activation in acute myocardial infarction induced by coronary artery ligation in rats. Molecular and Cellular Biochemistry, 2005, 268, 149-158.	1.4	11
467	Open-chest Models of Acute Myocardial Ischemia and Reperfusion. , 2005, , 37-57.		0
468	Cardiac-specific blockade of NF-Î²B in cardiac pathophysiology: differences between acute and chronic stimuli in vivo. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 289, H466-H476.	1.5	76
469	Cardioprotection induced by cardiac-specific overexpression of fibroblast growth factor-2 is mediated by the MAPK cascade. American Journal of Physiology - Heart and Circulatory Physiology, 2005, 289, H2167-H2175.	1.5	56
470	Simultaneous integrin Î±Î² and glycoprotein IIb/IIIa inhibition causes reduction in infarct size in a model of acute coronary thrombosis and primary angioplasty. Cardiovascular Research, 2005, 66, 552-561.	1.8	48
471	Quantification of Viability in Organotypic Multicellular Spheroids of Human Malignant Glioma using Lactate Dehydrogenase Activity: A Rapid and Reliable Automated Assay. Journal of Histochemistry and Cytochemistry, 2005, 53, 23-34.	1.3	13

#	Article	IF	Citations
472	Determining Canine Myocardial Area at Risk with Manganese-enhanced MR Imaging. Radiology, 2005, 236, 859-866.	3.6	29
473	Myocardial Strain Analysis in Acute Coronary Occlusion. Circulation, 2005, 112, 3901-3910.	1.6	84
474	Caspases as Drug Targets in Ischemic Organ Injury. Current Drug Targets Immune, Endocrine and Metabolic Disorders, 2005, 5, 269-287.	1.8	88
475	Effects of prophylactic or therapeutic application of bovine haemoglobin HBOC-200 on ischaemiaâ€“reperfusion injury following acute coronary ligature in rats â€. British Journal of Anaesthesia, 2005, 95, 737-745.	1.5	28
476	THE EFFECTS OF INTENTIONAL CRYOABLATION AND RADIO FREQUENCY ABLATION OF RENAL TISSUE INVOLVING THE COLLECTING SYSTEM IN A PORCINE MODEL. Journal of Urology, 2005, 173, 1368-1374.	0.2	131
477	Irrigated Radiofrequency Ablation With Transmurality Feedback Reliably Produces Cox Maze Lesions In Vivo. Annals of Thoracic Surgery, 2005, 80, 2263-2270.	0.7	22
478	Role of collateral blood flow in the apparent disparity between the extent of abnormal wall thickening and perfusion defect size during acute myocardial infarction and demand ischemia. Journal of the American College of Cardiology, 2005, 45, 565-572.	1.2	34
479	Characterization of the Peri-Infarct Zone by Contrast-Enhanced Cardiac Magnetic Resonance Imaging Is a Powerful Predictor of Postâ€“Myocardial Infarction Mortality. Circulation, 2006, 114, 32-39.	1.6	732
480	Na+/H+ exchanger inhibition at the onset of reperfusion decreases myocardial infarct size: role of reactive oxygen species. Cardiovascular Pathology, 2006, 15, 179-184.	0.7	25
481	Retrospective Determination of the Area at Risk for Reperfused Acute Myocardial Infarction With T2-Weighted Cardiac Magnetic Resonance Imaging. Circulation, 2006, 113, 1865-1870.	1.6	902
482	Intracoronary aqueous oxygen perfusion, performed 24Âh after the onset of postinfarction reperfusion, experimentally reduces infarct size and improves left ventricular function. International Journal of Cardiology, 2006, 113, 371-375.	0.8	18
484	Cardiac Computed Tomography: Evaluation of Myocardial Function, Perfusion and Viability. , 0, , 205-218.		0
485	Targeted endomyocardial injections of therapeutic cells using x-ray fused with MRI guidance. , 2006, 6141, 323.		0
486	Value of adenosine infusion for infarct size determination using real-time myocardial contrast echocardiography. Cardiovascular Ultrasound, 2006, 4, 10.	0.5	2
487	Potential biomarkers for ischemic heart damage identified in mitochondrial proteins by comparative proteomics. Proteomics, 2006, 6, 1237-1249.	1.3	90
488	Pharmacological Profile and Therapeutic Potential of BMâ€573, a Combined Thromboxane Receptor Antagonist and Synthase Inhibitor. Cardiovascular Drug Reviews, 2005, 23, 1-14.	4.4	14
489	Oral Pretreatment with Ebselen Enhances Heat Shock Protein 72 Expression and Reduces Myocardial Infarct Size. Hypertension Research, 2006, 29, 905-913.	1.5	32
490	Protection against myocardial ischaemia/reperfusion injury by PPARâ€“Î± activation is related to production of nitric oxide and endothelinâ€“1. Basic Research in Cardiology, 2006, 101, 244-252.	2.5	65

#	Article	IF	Citations
491	Critical role of PI3-kinase/Akt activation in the PARP inhibitor induced heart function recovery during ischemiaâ€“reperfusion. Biochemical Pharmacology, 2006, 71, 441-452.	2.0	50
492	Histochemical assessment of early myocardial infarction using 2,3,5-triphenyltetrazolium chloride in blood-perfused porcine hearts. Journal of Pharmacological and Toxicological Methods, 2006, 54, 307-312.	0.3	30
493	Evaluation of BM-573, a novel TXA2 synthase inhibitor and receptor antagonist, in a porcine model of myocardial ischemia-reperfusion. Prostaglandins and Other Lipid Mediators, 2006, 79, 53-73.	1.0	3
494	Percent infarct mapping: AnR1-map-based CE-MRI method for determining myocardial viability distribution. Magnetic Resonance in Medicine, 2006, 56, 535-545.	1.9	22
495	Importance of perfusion in myocardial viability studies using delayed contrast-enhanced magnetic resonance imaging. Journal of Magnetic Resonance Imaging, 2006, 24, 77-83.	1.9	9
496	Myocardial Viability: Assessment with Three-dimensional MR Imaging in Pigs and Patients. Radiology, 2006, 239, 703-709.	3.6	38
497	Ischemic preconditioning enhances scavenging activity of reactive oxygen species and diminishes transmural difference of infarct size. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 290, H577-H583.	1.5	31
498	Optical mapping of late myocardial infarction in rats. American Journal of Physiology - Heart and Circulatory Physiology, 2006, 290, H1298-H1306.	1.5	40
499	X-Ray Fused With Magnetic Resonance Imaging (XFM) to Target Endomyocardial Injections. Circulation, 2006, 114, 2342-2350.	1.6	72
500	S-allylcysteine mediates cardioprotection in an acute myocardial infarction rat model via a hydrogen sulfide-mediated pathway. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H2693-H2701.	1.5	134
501	Î²1-Adrenoreceptor activation contributes to ischemia-reperfusion damage as well as playing a role in ischemic preconditioning. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 292, H2459-H2466.	1.5	39
502	Cardioprotective effect of rosuvastatin in vivo is dependent on inhibition of geranylgeranyl pyrophosphate and altered RhoA membrane translocation. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 292, H3158-H3163.	1.5	42
503	Progression of myocardial injury during coronary occlusion in the collateral-deficient heart: a non-wavefront phenomenon. American Journal of Physiology - Heart and Circulatory Physiology, 2007, 293, H1799-H1804.	1.5	19
504	Early Metoprolol Administration Before Coronary Reperfusion Results in Increased Myocardial Salvage. Circulation, 2007, 115, 2909-2916.	1.6	142
505	Diminished thrombus formation and alleviation of myocardial infarction and reperfusion injury through antibody- or small-molecule-mediated inhibition of selectin-dependent platelet functions. Haematologica, 2007, 92, 502-512.	1.7	34
506	Improved Evaluation of Myocardial Perfusion and Viability With the Magnetic Resonance Blood Pool Contrast Agent P792 in a Nonreperfused Porcine Infarction Model. Investigative Radiology, 2007, 42, 248-255.	3.5	14
507	Role of endogenous nitric oxide in classic preconditioning in rat hearts. Regulatory Peptides, 2007, 139, 141-145.	1.9	17
508	MRI for the Assessment of Myocardial Viability. Cardiology Clinics, 2007, 25, 35-56.	0.9	41

#	Article	IF	Citations
509	Assessment of Segmental Myocardial Viability Using Regional 2-Dimensional Strain Echocardiography. Journal of the American Society of Echocardiography, 2007, 20, 342-351.	1.2	71
510	Dose-Response to Cytoskeletal-Antigen Specific Immunoliposome Therapy for Preservation of Myocardial Viability and Function in Langendorff Instrumented Rat Hearts. Journal of Liposome Research, 2007, 17, 63-77.	1.5	6
511	Radiofrequency, Cryoablation, and Other Modalities for Breast Cancer Ablation. Surgical Clinics of North America, 2007, 87, 539-550.	0.5	39
512	MRI for the Assessment of Myocardial Viability. Magnetic Resonance Imaging Clinics of North America, 2007, 15, 505-525.	0.6	12
513	Models of cardioprotection. Drug Discovery Today: Disease Models, 2007, 4, 185-190.	1.2	6
514	Transmyocardial revascularization ameliorates ischemia by attenuating paradoxical catecholamine-induced vasoconstriction. Journal of Nuclear Cardiology, 2007, 14, 207-214.	1.4	2
515	Remodelling of action potential and intracellular calcium cycling dynamics during subacute myocardial infarction promotes ventricular arrhythmias in Langendorff-perfused rabbit hearts. Journal of Physiology, 2007, 580, 895-906.	1.3	43
516	Pre-occlusion ischaemia, not sevoflurane, successfully preconditions the myocardium against further damage in porcine in vivo hearts. Acta Anaesthesiologica Scandinavica, 2007, 51, 402-409.	0.7	10
517	Cytoskeletal-antigen specific immunoliposome-targeted in vivo preservation of myocardial viability. Journal of Controlled Release, 2007, 120, 35-40.	4.8	21
518	Time-dependent response of both ventricles after septal ablation: Implications for biventricular support after left ventricular assist device placement. Journal of Thoracic and Cardiovascular Surgery, 2007, 134, 579-586.	0.4	3
519	Myocardial dysfunction in the periinfarct and remote regions following anterior infarction in rats quantified by 2D radial strain echocardiography: An observational cohort study. Cardiovascular Ultrasound, 2008, 6, 17.	0.5	19
520	Headâ€toâ€head comparison between delayed enhancement and percent infarct mapping for assessment of myocardial infarct size in a canine model. Journal of Magnetic Resonance Imaging, 2008, 28, 1386-1392.	1.9	7
521	Left ventricular unloading with intraâ€aortic counter pulsation prior to reperfusion reduces myocardial release of endothelinâ€1 and decreases infarction size in a porcine ischemiaâ€reperfusion model. Catheterization and Cardiovascular Interventions, 2008, 72, 513-521.	0.7	39
522	Effect of fetal anaemia on myocardial ischaemiaâ€“reperfusion injury and coronary vasoreactivity in adult sheep. Acta Physiologica, 2008, 194, 325-334.	1.8	17
523	Vascular Endothelial Growth Factorâ€165 Gene Therapy Promotes Cardiomyogenesis in Reperfused Myocardial Infarction. Journal of Interventional Cardiology, 2008, 21, 242-251.	0.5	14
524	Postâ€conditioning reduces infarct size in an openâ€chest porcine acute ischemiaâ€“reperfusion model. Acta Anaesthesiologica Scandinavica, 2008, 52, 1188-1193.	0.7	14
525	Establishment of a porcine right ventricular infarction model for cardioprotective actions of xenon and isoflurane. Acta Anaesthesiologica Scandinavica, 2008, 52, 1194-1203.	0.7	23
526	Left ventricular unloading before reperfusion reduces endothelin-1 release and calcium overload in porcine myocardial infarction. Journal of Thoracic and Cardiovascular Surgery, 2008, 136, 343-351.	0.4	24

#	Article	IF	Citations
527	Protective effects of GLP-1 analogues exendin-4 and GLP-1(9â€“36) amide against ischemiaâ€“reperfusion injury in rat heart. Regulatory Peptides, 2008, 146, 243-249.	1.9	252
528	Quest for the cardiovascular holy grail: mammalian myocardial regeneration. Cardiovascular Pathology, 2008, 17, 1-5.	0.7	12
529	Reflex control of sympathetic outflow and depressed baroreflex sensitivity following myocardial infarction. Autonomic Neuroscience: Basic and Clinical, 2008, 141, 46-53.	1.4	14
531	Use of a hanging-weight system for liver ischemic preconditioning in mice. American Journal of Physiology - Renal Physiology, 2008, 294, G1431-G1440.	1.6	26
532	ANESTHETIC PRECONDITIONING CONFERS ACUTE CARDIOPROTECTION VIA UP-REGULATION OF MANGANESE SUPEROXIDE DISMUTASE AND PRESERVATION OF MITOCHONDRIAL RESPIRATORY ENZYME ACTIVITY. Shock, 2008, 29, 300-308.	1.0	21
533	Sudden Cardiac Death and Myocardial Ischemia Indicators. American Journal of Forensic Medicine and Pathology, 2008, 29, 154-161.	0.4	73
534	Ex Vivo and In Vivo Approaches to Study Mechanisms of Cardioprotection Targeting Ischemia/Reperfusion (I/R) Injury: Useful Techniques for Cardiovascular Drug Discovery. Current Drug Discovery Technologies, 2008, 5, 269-278.	0.6	23
535	NITRIC OXIDE TRIGGERS DELAYED ANESTHETIC PRECONDITIONING-INDUCED CARDIAC PROTECTION VIA ACTIVATION OF NUCLEAR FACTOR-Î°B AND UPREGULATION OF INDUCIBLE NITRIC OXIDE SYNTHASE. Shock, 2008, 30, 241-249.	1.0	34
536	Effects of a prophylactic or therapeutic application of perflubron emulsion on myocardial ischaemia-reperfusion injury in rats. European Journal of Anaesthesiology, 2008, 25, 850-859.	0.7	3
537	In Vivo T2-Weighted Magnetic Resonance Imaging Can Accurately Determine the Ischemic Area at Risk for 2-Day-Old Nonreperfused Myocardial Infarction. Investigative Radiology, 2008, 43, 7-15.	3.5	88
538	Sevoflurane Enhances Ethanol-Induced Cardiac Preconditioning Through Modulation of Protein Kinase C, Mitochondrial KATP Channels, and Nitric Oxide Synthase, in Guinea Pig Hearts. Anesthesia and Analgesia, 2008, 106, 9-16.	1.1	35
539	Determination of myocardial infarction size in rats by echocardiography and tetrazolium staining: correlation, agreements, and simplifications. Brazilian Journal of Medical and Biological Research, 2008, 41, 199-201.	0.7	42
540	Selective Cyclooxygenase-2 Inhibition Protects Against Myocardial Damage in Experimental Acute Ischemia. Clinics, 2009, 64, 245-252.	0.6	37
541	Administration of bovine polymerized haemoglobin before and during coronary occlusion reduces infarct size in rabbits â€¡ â€¡This article is accompanied by Editorial III.. British Journal of Anaesthesia, 2009, 103, 496-504.	1.5	10
542	PPAR-Î± activation protects the type 2 diabetic myocardium against ischemia-reperfusion injury: involvement of the PI3-Kinase/Akt and NO pathway. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 296, H719-H727.	1.5	121
543	Paraplegia increased cardiac NGF content, sympathetic tonus, and the susceptibility to ischemia-induced ventricular tachycardia in conscious rats. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 296, H1364-H1372.	1.5	19
544	Reduction in myocardial infarct size at 48 hours after brief intravenous infusion of ATL-146e, a highly selective adenosine A2A receptor agonist. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H637-H642.	1.5	18
545	Refined approach for quantification of in vivo ischemia-reperfusion injury in the mouse heart. American Journal of Physiology - Heart and Circulatory Physiology, 2009, 297, H2054-H2058.	1.5	83

#	Article	IF	Citations
546	Partial Hindlimb Occlusion Reduced the Susceptibility to Sustained Ventricular Tachycardia in Conscious Rats. Journal of Cardiovascular Pharmacology and Therapeutics, 2009, 14, 199-206.	1.0	11
547	Protective effects of purified safflower extract on myocardial ischemia in vivo and in vitro. Phytomedicine, 2009, 16, 694-702.	2.3	67
548	Closed-chest experimental porcine model of acute myocardial infarctionâ€“reperfusion. Journal of Pharmacological and Toxicological Methods, 2009, 60, 301-306.	0.3	32
549	Comparison of cumulative planimetry versus manual dissection to assess experimental infarct size in isolated hearts. Journal of Pharmacological and Toxicological Methods, 2009, 60, 275-280.	0.3	22
550	Myocardial protection by F 15845, a persistent sodium current blocker, in an ischemia-reperfusion model in the pig. European Journal of Pharmacology, 2009, 624, 16-22.	1.7	8
551	Manganeseâ€enhanced MRI of acute cardiac ischemia and chronic infarction in pig hearts: kinetic analysis of enhancement development. NMR in Biomedicine, 2009, 22, 165-173.	1.6	11
552	Activation of big conductance Ca2+-activated K+ channels (BK) protects the heart against ischemiaâ€“reperfusion injury. Pflugers Archiv European Journal of Physiology, 2009, 457, 979-988.	1.3	84
553	A minimally invasive method for induction of myocardial infarction in an animal model using tungsten spirals. International Journal of Cardiovascular Imaging, 2009, 25, 529-535.	0.7	9
554	Assessment of regional left ventricular myocardial function in rats after acute occlusion of left anterior descending artery by two-dimensional speckle tracking imaging. Journal of Huazhong University of Science and Technology [Medical Sciences], 2009, 29, 786-790.	1.0	8
555	Protective effects of caspase-9 and poly(ADP-ribose) polymerase inhibitors on ischemia-reperfusion-induced myocardial injury. Archives of Pharmacal Research, 2009, 32, 1037-1043.	2.7	19
556	Stem Cell Transplant into Preimplantation Embryo Yields Myocardial Infarction-Resistant Adult Phenotype. Stem Cells, 2009, 27, 1697-1705.	1.4	25
557	HYPERBARIC OXYGENATION APPLIED IMMEDIATELY AFTER CORONARY OCCLUSION REDUCES MYOCARDIAL NECROSIS AND ACUTE MORTALITY IN RATS. Clinical and Experimental Pharmacology and Physiology, 2009, 36, 594-598.	0.9	11
558	Antiâ€ischemic effects of inotropic agents in experimental right ventricular infarction. Acta Anaesthesiologica Scandinavica, 2009, 53, 941-948.	0.7	33
559	Effect of atorvastatin on expression of IL-10 and TNF-Î± mRNA in myocardial ischemiaâ€“reperfusion injury in rats. Biochemical and Biophysical Research Communications, 2009, 382, 336-340.	1.0	26
560	The cardioprotective and inotropic components of the postconditioning effects of GLP-1 and GLP-1(9â€“36)a in an isolated rat heart. Pharmacological Research, 2009, 60, 411-417.	3.1	43
561	Adenosine-A1 Receptors Activation Restores the Suppressed Cardioprotective Effects of Ischemic Preconditioning in Hyperhomocysteinemic Rat Hearts. Journal of Cardiovascular Pharmacology, 2009, 54, 204-212.	0.8	11
562	S-propargyl-cysteine Protects Both Adult Rat Hearts and Neonatal Cardiomyocytes From Ischemia/Hypoxia Injury: The Contribution of the Hydrogen Sulfide-Mediated Pathway. Journal of Cardiovascular Pharmacology, 2009, 54, 139-146.	0.8	88
563	Cardioprotective actions of two bioflavonoids, quercetin and rutin, in experimental myocardial infarction in both normal and streptozotocin-induced type I diabetic rats. Journal of Pharmacy and Pharmacology, 2010, 61, 1365-1374.	1.2	101

#	Article	IF	Citations
564	Sevoflurane postconditioning prevents activation of caspase 3 and 9 through antiapoptotic signaling after myocardial ischemiaâ€“reperfusion. Journal of Anesthesia, 2010, 24, 215-224.	0.7	47
565	Involvement of GSK-3Î² in attenuation of the cardioprotective effect of ischemic preconditioning in diabetic rat heart. Molecular and Cellular Biochemistry, 2010, 343, 75-81.	1.4	65
566	Measurement of myocardial infarct size in preclinical studies. Journal of Pharmacological and Toxicological Methods, 2010, 61, 163-170.	0.3	56
567	Modulation of the cardioprotective effect of ischemic preconditioning in hyperlipidaemic rat heart. European Journal of Pharmacology, 2010, 643, 78-83.	1.7	41
568	Percent infarct mapping for delayed contrast enhancement magnetic resonance imaging to quantify myocardial viability by Gd(DTPA). Journal of Magnetic Resonance Imaging, 2010, 32, 859-868.	1.9	10
569	Late gadolinium enhancement of acute myocardial infarction in mice at 7T: Cineâ€FLASH versus inversion recovery. Journal of Magnetic Resonance Imaging, 2010, 32, 878-886.	1.9	50
570	Accuracy of infarct measurements by inversion recovery delayed-enhancement MRI during the hyper-acute phase of myocardial infarction in rats. Journal of Cardiovascular Magnetic Resonance, 2010, 12, .	1.6	0
571	Early Assessment of Biophysical Parameters Predicts Lesion Formation During RF Energy Delivery In Vitro. PACE - Pacing and Clinical Electrophysiology, 2010, 33, 1082-1088.	0.5	4
572	Postâ€conditioning with cyclosporine A fails to reduce the infarct size in an in vivo porcine model. Acta Anaesthesiologica Scandinavica, 2010, 54, 804-813.	0.7	27
573	Correlation of Left Ventricular Pressure Changes and Left Atrial Function on Strain Rate Imaging During Acute Left Ventricular Ischemia. International Heart Journal, 2010, 51, 421-425.	0.5	3
574	Targeted ablation of cardiac sympathetic neurons reduces the susceptibility to ischemia-induced sustained ventricular tachycardia in conscious rats. American Journal of Physiology - Heart and Circulatory Physiology, 2010, 298, H1330-H1339.	1.5	28
575	Possible involvement of Î±1-adrenergic receptor and KATP channels in cardioprotective effect of remote aortic preconditioning in isolated rat heart. Journal of Cardiovascular Disease Research (discontinued), 2010, 1, 145-151.	0.1	23
576	Increase in coronary blood flow by intra-aortic balloon counterpulsation in a porcine model of myocardial reperfusion. International Journal of Cardiology, 2010, 138, 253-260.	0.8	21
577	Possible involvement of PKC-Î´ in the abrogated cardioprotective potential of ischemic preconditioning in hyperhomocysteinemic rat hearts. Biomedicine and Pharmacotherapy, 2010, 64, 195-202.	2.5	11
578	The influence of FGF2 high molecular weight (HMW) isoforms in the development of cardiac ischemiaâ€“reperfusion injury. Journal of Molecular and Cellular Cardiology, 2010, 48, 1245-1254.	0.9	29
579	NF-ÎºB driven cardioprotective gene programs; Hsp70.3 and cardioprotection after late ischemic preconditioning. Journal of Molecular and Cellular Cardiology, 2010, 49, 664-672.	0.9	41
580	Deep hypothermia and aortic regurgitation without left ventricular venting, an animal model. Scandinavian Cardiovascular Journal, 2011, 45, 181-186.	0.4	0
581	Detection and Quantification of Myocardial Reperfusion Hemorrhage Using T2*-Weighted CMR. JACC: Cardiovascular Imaging, 2011, 4, 1274-1283.	2.3	85

#	Article	IF	Citations
582	The protective role of hydrogen sulfide in myocardial ischemiaâ€“reperfusion-induced injury in diabetic rats. International Journal of Cardiology, 2011, 152, 177-183.	0.8	61
583	In vivo gene delivery of XIAP protects against myocardial apoptosis and infarction following ischemia/reperfusion in conscious rabbits. Life Sciences, 2011, 88, 572-577.	2.0	17
584	Adenosine A2AR modulates cardiovascular function by activating ERK1/2 signal in the rostral ventrolateral medulla of acute myocardial ischemic rats. Life Sciences, 2011, 89, 182-187.	2.0	31
585	Molecular and cellular mechanisms involved in cardiac remodeling after acute myocardial infarction. Journal of Molecular and Cellular Cardiology, 2011, 50, 522-533.	0.9	178
586	Identification of a NF-Îºb cardioprotective gene program: NF-Îºb regulation of Hsp70.1 contributes to cardioprotection after permanent coronary occlusion. Journal of Molecular and Cellular Cardiology, 2011, 51, 82-89.	0.9	32
587	Irreversible electroporation of the liver and liver hilum in swine. Hpb, 2011, 13, 168-173.	0.1	150
588	Optimal Freeze Cycle Length for Renal Cryotherapy. Journal of Urology, 2011, 186, 283-288.	0.2	6
589	Phosphorylation of Vasodilator-Stimulated Phosphoprotein (VASP) Dampens Hepatic Ischemia-Reperfusion Injury. PLoS ONE, 2011, 6, e29494.	1.1	12
590	Measure for Measure-Determination of Infarct Size in Murine Models of Myocardial Ischemia and Reperfusion. Shock, 2011, 35, 449-455.	1.0	12
591	Mechanical Assistance by Intraâ€Aortic Balloon Pump Counterpulsation During Reperfusion Increases Coronary Blood Flow and Mitigates the Noâ€Reflow Phenomenon: An Experimental Study. Artificial Organs, 2011, 35, 867-874.	1.0	26
592	The combination of l-arginine and ischaemic post-conditioning at the onset of reperfusion limits myocardial injury in the pig. Acta Physiologica, 2011, 201, 219-226.	1.8	15
593	Complex I syndrome in myocardial stunning and the effect of adenosine. Free Radical Biology and Medicine, 2011, 51, 1203-1212.	1.3	30
594	Feasibility of Percutaneous Excision Followed by Ablation for Local Control in Breast Cancer. Annals of Surgical Oncology, 2011, 18, 3079-3087.	0.7	19
595	Quantification of myocardial viability distribution with Gd(DTPA) bolus-enhanced, signal intensity-based percent infarct mapping. Magnetic Resonance Imaging, 2011, 29, 650-658.	1.0	8
596	Phosphorylation of Vasodilator-Stimulated Phosphoprotein Prevents Platelet-Neutrophil Complex Formation and Dampens Myocardial Ischemia-Reperfusion Injury. Circulation, 2011, 123, 2579-2590.	1.6	55
597	Myocardial Reperfusion Injury: Reactive Oxygen Species vs. NHE-1 Reactivation. Cellular Physiology and Biochemistry, 2011, 27, 13-22.	1.1	23
598	The Cardioprotective Effect of Brief Acidic Reperfusion after Ischemia in Perfused Rat Hearts is not Mimicked by Inhibition of the Na⁺/H⁺ Exchanger NHE1. Cellular Physiology and Biochemistry, 2011, 28, 13-24.	1.1	9
599	Amniotic Fluid Stem Cells Are Cardioprotective Following Acute Myocardial Infarction. Stem Cells and Development, 2011, 20, 1985-1994.	1.1	104

#	Article	IF	Citations
600	Direct Measurement of the Lethal Isotherm for Radiofrequency Ablation of Myocardial Tissue. Circulation: Arrhythmia and Electrophysiology, 2011, 4, 373-378.	2.1	32
601	Anti-ischaemic effects of bilobalide on neonatal rat cardiomyocytes and the involvement of the platelet-activating factor receptor. Bioscience Reports, 2011, 31, 439-447.	1.1	27
602	Autophagy limits acute myocardial infarction induced by permanent coronary artery occlusion. American Journal of Physiology - Heart and Circulatory Physiology, 2011, 300, H2261-H2271.	1.5	178
603	Natriuretic peptide infusion reduces myocardial injury during acute ischemia/reperfusion. Cardiovascular Endocrinology, 2012, 1, 4-12.	0.8	7
604	Determination of Infarct Size in Ex Vivo Swine Hearts by Multidetector Computed Tomography Using Gadolinium as Contrast Medium. Investigative Radiology, 2012, 47, 277-283.	3.5	3
605	Hydrogen Sulfide Protects Cardiomyocytes from Myocardial Ischemia-Reperfusion Injury by Enhancing Phosphorylation of Apoptosis Repressor with Caspase Recruitment Domain. Tohoku Journal of Experimental Medicine, 2012, 226, 275-285.	0.5	32
606	Pharmacological inhibition of GSK-3Î² produces late phase of cardioprotection in hyperlipidemic rat: possible involvement of HSP 72. Molecular and Cellular Biochemistry, 2012, 369, 227-233.	1.4	24
607	In Vivo Delivery of Nucleic Acids via Glycopolymer Vehicles Affords Therapeutic Infarct Size Reduction In Vivo. Molecular Therapy, 2012, 20, 601-608.	3.7	41
608	Carboxy terminus of heat shock protein (HSP) 70-interacting protein (CHIP) inhibits HSP70 in the heart. Journal of Physiology and Biochemistry, 2012, 68, 485-491.	1.3	19
610	Protective roles of quercetin in acute myocardial ischemia and reperfusion injury in rats. Molecular Biology Reports, 2012, 39, 11005-11009.	1.0	51
611	Inhalation of NO during myocardial ischemia reduces infarct size and improves cardiac function. Intensive Care Medicine, 2012, 38, 1381-1391.	3.9	19
612	Quantification of myocardium at risk in myocardial perfusion SPECT by coâ€registration and fusion with delayed contrastâ€enhanced magnetic resonance imaging â€“ an experimental ex vivo study. Clinical Physiology and Functional Imaging, 2012, 32, 33-38.	0.5	8
613	Direct evidence for inhibition of mitochondrial permeability transition pore opening by sevoflurane preconditioning in cardiomyocytes: Comparison with cyclosporine A. European Journal of Pharmacology, 2012, 675, 40-46.	1.7	30
614	Successful transplantation of rat hearts subjected to extended cold preservation with a novel preservation solution. Transplant International, 2012, 25, 696-706.	0.8	15
615	Dingxin Recipe (å®šå¿ƒæ–¹) prevents ischemia/reperfusion-induced arrhythmias via up-regulating prohibitin and suppressing inflammatory responses. Chinese Journal of Integrative Medicine, 2012, 18, 120-129.	0.7	12
616	Residual tumor after laser ablation of human non-small-cell lung cancer demonstrated by ex vivo staining: correlation with invasive temperature measurements. Magnetic Resonance Materials in Physics, Biology, and Medicine, 2012, 25, 63-74.	1.1	10
617	Amniotic Fluid-Derived Stem Cells for Cardiovascular Tissue Engineering Applications. Tissue Engineering - Part B: Reviews, 2013, 19, 368-379.	2.5	39
618	Sevoflurane Confers Additive Cardioprotection to Ethanol Preconditioning Associated With Enhanced Phosphorylation of Glycogen Synthase Kinase-3Î² and Inhibition of Mitochondrial Permeability Transition Pore Opening. Journal of Cardiothoracic and Vascular Anesthesia, 2013, 27, 916-924.	0.6	7

#	Article	IF	Citations
619	Anti-inflammatory and pro-angiogenic effects of beta blockers in a canine model of chronic ischemic cardiomyopathy: comparison between carvedilol and metoprolol. Basic Research in Cardiology, 2013, 108, 384.	2.5	29
620	Chronic Manifestation of Postreperfusion Intramyocardial Hemorrhage as Regional Iron Deposition. Circulation: Cardiovascular Imaging, 2013, 6, 218-228.	1.3	79
621	Effects of SEA0400 on Arrhythmogenicity in a Langendorffâ€Perfused 1â€Month Myocardial Infarction Rabbit Model. PACE - Pacing and Clinical Electrophysiology, 2013, 36, 596-606.	0.5	6
622	Participation of mitochondrial permeability transition pore in the effects of ischemic preconditioning in hypertrophied hearts: Role of NO and mitoKATP. International Journal of Cardiology, 2013, 166, 173-180.	0.8	14
623	Protective effects of N-(2-mercaptopropionyl)-glycine against ischemiaâ€“reperfusion injury in hypertrophied hearts. Experimental and Molecular Pathology, 2013, 94, 277-284.	0.9	13
624	Effects of l-NAME on coronary blood flow, infarct size and the extent of the no-reflow phenomenon. International Journal of Cardiology, 2013, 167, 3000-3005.	0.8	3
625	Effects of xenon and isoflurane on apoptosis and inflammation in a porcine myocardial infarction model. Annals of Anatomy, 2013, 195, 166-174.	1.0	14
626	Adenosine Transport Blockade Restores Attenuated Cardioprotective Effects of Adenosine Preconditioning in the Isolated Diabetic Rat Heart: Potential Crosstalk with Opioid Receptors. Cardiovascular Toxicology, 2013, 13, 22-32.	1.1	24
627	Fenofibrate attenuates impaired ischemic preconditioning-mediated cardioprotection in the fructose-fed hypertriglyceridemic rat heart. Naunyn-Schmiedeberg's Archives of Pharmacology, 2013, 386, 319-329.	1.4	13
628	Bicarbonate modulates oxidative and functional damage in ischemiaâ€“reperfusion. Free Radical Biology and Medicine, 2013, 55, 46-53.	1.3	16
629	Adenosine diphosphate reduces infarct size and improves porcine heart function after myocardial infarct. Physiological Reports, 2013, 1, e00003.	0.7	5
630	Cardioprotective 3â€²,4â€²-dihydroxyflavonol attenuation of JNK and p38MAPK signalling involves CaMKII inhibition. Biochemical Journal, 2013, 456, 149-161.	1.7	22
631	The Effectiveness and Limitations of Triphenyltetrazolium Chloride to Detect Acute Myocardial Infarction at Forensic Autopsy. American Journal of Forensic Medicine and Pathology, 2013, 34, 242-247.	0.4	24
632	Detecting Myocardial Ischemia at Rest With Cardiac Phaseâ€“Resolved Blood Oxygen Levelâ€“Dependent Cardiovascular Magnetic Resonance. Circulation: Cardiovascular Imaging, 2013, 6, 311-319.	1.3	29
633	Cardioprotective effects of exenatide against oxidative stress-induced injury. International Journal of Molecular Medicine, 2013, 32, 1011-1020.	1.8	66
634	The Uncoordinated-5 Homolog B (UNC5B) Receptor Increases Myocardial Ischemia-Reperfusion Injury. PLoS ONE, 2013, 8, e69477.	1.1	10
635	Surgical pathology of the heart. , 0, , 285-316.		1
636	Intraperitoneal bilirubin administration decreases infarct area in a rat coronary ischemia/reperfusion model. Frontiers in Physiology, 2014, 5, 53.	1.3	32

#	Article	IF	Citations
637	Contrasting Effects of HMR1098 on Arrhythmogenicity in a Langendorffâ€Perfused Phaseâ€2 Myocardial Infarction Rabbit Model. PACE - Pacing and Clinical Electrophysiology, 2014, 37, 1058-1066.	0.5	1
638	Sevoflurane induces cardioprotection through reactive oxygen species-mediated upregulation of autophagy in isolated guinea pig hearts. Journal of Anesthesia, 2014, 28, 593-600.	0.7	31
639	Induction of autophagy restores the loss of sevoflurane cardiac preconditioning seen with prolonged ischemic insult. European Journal of Pharmacology, 2014, 724, 58-66.	1.7	22
640	Combination of necroptosis and apoptosis inhibition enhances cardioprotection against myocardial ischemiaâ€“reperfusion injury. Journal of Anesthesia, 2014, 28, 235-241.	0.7	105
641	Solasodine protects rat brain against ischemia/reperfusion injury through its antioxidant activity. European Journal of Pharmacology, 2014, 725, 40-46.	1.7	37
642	Regular dipyridamole therapy produces sustained protection against cardiac ischemiaâ€“reperfusion injury: Is it time to revisit PARIS?. International Journal of Cardiology, 2014, 176, 822-827.	0.8	5
643	Ablation of colorectal liver metastases by irreversible electroporation: results of the COLDFIRE-I ablate-and-resect study. European Radiology, 2014, 24, 2467-2475.	2.3	76
644	Infarct density distribution by MRI in the porcine model of acute and chronic myocardial infarction as a potential method transferable to the clinic. International Journal of Cardiovascular Imaging, 2014, 30, 937-948.	0.7	10
645	Experimental model of transthoracic, vascular-targeted, photodynamically induced myocardial infarction. American Journal of Physiology - Heart and Circulatory Physiology, 2014, 306, H270-H278.	1.5	11
646	The electrogenic cardiac sodium bicarbonate co-transporter (NBCe1) contributes to the reperfusion injury. Cardiovascular Pathology, 2014, 23, 224-230.	0.7	19
647	Frequent biomarker analysis in the isolated perfused heart reveals two distinct phases of reperfusion injury. International Journal of Cardiology, 2014, 171, 9-14.	0.8	16
648	Intramyocardial thrombin promotes angiogenesis and improves cardiac function in an experimental rabbit model of acute myocardial infarction. Journal of Thoracic and Cardiovascular Surgery, 2014, 147, 1376-1383.	0.4	5
649	Ultrasound Detection of Myocardial Ischemic Memory Using an E-Selectin Targeting Peptide Amenable to Human Application. Molecular Imaging, 2014, 13, 7290.2014.00006.	0.7	18
650	Induction and Assessment of Ischemia-reperfusion Injury in Langendorff-perfused Rat Hearts. Journal of Visualized Experiments, 2015, , e52908.	0.2	25
651	Treatment of Myocardial Ischemia/Reperfusion Injury by Ischemic and Pharmacological Postconditioning. , 2015, 5, 1123-1145.		68
652	Transurethral convective water vapor as a treatment for lower urinary tract symptomatology due to benign prostatic hyperplasia using the RezÅ«m® system: evaluation of acute ablative capabilities in the human prostate. Research and Reports in Urology, 2015, 7, 13.	0.6	56
653	Electrophysiological Changes Correlated with Temperature Increases Induced by High-Intensity Focused Ultrasound Ablation. Ultrasound in Medicine and Biology, 2015, 41, 432-448.	0.7	4
654	Cellular Postconditioning. Circulation: Heart Failure, 2015, 8, 322-332.	1.6	79

#	Article	IF	Citations
655	Effect of zinc supplements in the attenuated cardioprotective effect of ischemic preconditioning in hyperlipidemic rat heart. Naunyn-Schmiedeberg's Archives of Pharmacology, 2015, 388, 635-641.	1.4	11
656	Paradoxical effects of KB-R7943 on arrhythmogenicity in a chronic myocardial infarction rabbit model. Journal of Cardiology, 2015, 66, 80-87.	0.8	5
657	Myocardial Ischemia and Its Complications. , 2016, , 239-270.		4
658	Sevoflurane preconditioning during myocardial ischemia-reperfusion reduces infarct size and preserves autonomic control of circulation in rats. Acta Cirurgica Brasileira, 2016, 31, 338-345.	0.3	16
659	Increased myocardial vulnerability to ischemiaâ€“reperfusion injury in the presence of left ventricular hypertrophy. Journal of Hypertension, 2016, 34, 513-523.	0.3	17
660	Chronic oral administration of lowâ€dose combination of fenofibrate and rosuvastatin protects the rat heart against experimentally induced acute myocardial infarction. Fundamental and Clinical Pharmacology, 2016, 30, 394-405.	1.0	14
661	Age-independent myocardial infarct quantification by signal intensity percent infarct mapping in swine. Journal of Magnetic Resonance Imaging, 2016, 43, 911-920.	1.9	3
662	Does therapeutic hypothermia during extracorporeal cardiopulmonary resuscitation preserve cardiac function?. Journal of Translational Medicine, 2016, 14, 345.	1.8	10
663	Investigations on the role of leukotrienes in remote hind limb preconditioning-induced cardioprotection in rats. Life Sciences, 2016, 152, 238-243.	2.0	13
664	CMX-2043 Efficacy in a Rat Model of Cardiac Ischemiaâ€“Reperfusion Injury. Journal of Cardiovascular Pharmacology and Therapeutics, 2016, 21, 563-569.	1.0	7
665	The Coronary Circulation as a Target of Cardioprotection. Circulation Research, 2016, 118, 1643-1658.	2.0	193
666	Characterisation of the mechanical properties of infarcted myocardium in the rat under biaxial tension and uniaxial compression. Journal of the Mechanical Behavior of Biomedical Materials, 2016, 63, 252-264.	1.5	33
667	Cardioprotective effects of intracoronary administration of 4-chlorodiazepam in small and large animal models of ischemia-reperfusion. International Journal of Cardiology, 2016, 224, 90-95.	0.8	10
668	MRI Post-Processing Methods for Myocardial Infarct Quantification. Current Radiology Reports, 2016, 4, 1.	0.4	12
669	Histological Quantification of Chronic Myocardial Infarct in Rats. Journal of Visualized Experiments, 2016, , .	0.2	11
670	Primary Outcome Assessment in a Pig Model of Acute Myocardial Infarction. Journal of Visualized Experiments, 2016, , .	0.2	12
671	Ultrathin Injectable Sensors of Temperature, Thermal Conductivity, and Heat Capacity for Cardiac Ablation Monitoring. Advanced Healthcare Materials, 2016, 5, 373-381.	3.9	47
672	Pramipexole pretreatment attenuates myocardial ischemia/reperfusion injury through upregulation of autophagy. Biochemical and Biophysical Research Communications, 2016, 473, 1119-1124.	1.0	25

#	Article	IF	Citations
673	Beneficial effect of zinc chloride and zinc ionophore pyrithione on attenuated cardioprotective potential of preconditioning phenomenon in STZ-induced diabetic rat heart. Perfusion (United) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 73	0.5	15
674	Effect of Elevated Reperfusion Pressure on â€œNo Reflowâ€•Area and Infarct Size in a Porcine Model of Ischemiaâ€“Reperfusion. Journal of Cardiovascular Pharmacology and Therapeutics, 2016, 21, 405-411.	1.0	15
675	Role of atrial natriuretic peptide in ischemic preconditioningâ€“induced cardioprotection inÂtheÂdiabetic rat heart. Journal of Surgical Research, 2016, 201, 272-278.	0.8	19
676	Abrogated cardioprotective effect of ischemic preconditioning in ovariectomized rat heart. Human and Experimental Toxicology, 2016, 35, 644-653.	1.1	13
677	Exploring the Role of TRPV and CGRP in Adenosine Preconditioning and Remote Hind Limb Preconditioning-Induced Cardioprotection in Rats. Cardiovascular Drugs and Therapy, 2017, 31, 133-143.	1.3	14
678	Assessment of myocardial injury after reperfused infarction by T1Ï•cardiovascular magnetic resonance. Journal of Cardiovascular Magnetic Resonance, 2016, 19, 17.	1.6	24
679	Role of erythropoietin in ischemic postconditioning induced cardioprotection in hyperlipidemic rat heart. Journal of Indian College of Cardiology, 2017, 7, 72-77.	0.1	4
680	External Arrhythmia Ablation Using Photon Beams. Circulation: Arrhythmia and Electrophysiology, 2017, 10, .	2.1	54
681	Acute treatment with copoazÃº fermented extract ameliorates myocardial ischemia-reperfusion injury via eNOS activation. Journal of Functional Foods, 2017, 34, 470-477.	1.6	5
682	S1P receptor 1-Mediated Antiâ€“Renin-Angiotensin System Cardioprotection: Pivotal Role of Mast Cell Aldehyde Dehydrogenase Type 2. Journal of Pharmacology and Experimental Therapeutics, 2017, 362, 230-242.	1.3	32
683	Exploring the putative role of <scp>TRPV</scp>₁â€dependent <scp>CGRP</scp> release in remote hind preconditioningâ€•induced cardioprotection. Cardiovascular Therapeutics, 2017, 35, e12276.	1.1	8
684	Determination of cryothermal injury thresholds in tissues impacted by cardiac cryoablation. Cryobiology, 2017, 75, 125-133.	0.3	14
685	The MRI characteristics of the no-flow region are similar in reperfused and non-reperfused myocardial infarcts: an MRI and histopathology study in swine. European Radiology Experimental, 2017, 1, 2.	1.7	3
686	Irreversible electroporation of hepatocellular carcinoma: patient selection and perspectives. Journal of Hepatocellular Carcinoma, 2017, Volume 4, 49-58.	1.8	40
687	Phosphorylation of vasodilator-stimulated phosphoprotein contributes to myocardial ischemic preconditioning. Basic Research in Cardiology, 2018, 113, 11.	2.5	20
688	Comparison of various methods to analyse toxic effects in human skin explants: Rediscovery of TTC assay. Journal of Photochemistry and Photobiology B: Biology, 2018, 178, 530-536.	1.7	10
689	Exosomal miR-21a-5p mediates cardioprotection by mesenchymal stem cells. Journal of Molecular and Cellular Cardiology, 2018, 119, 125-137.	0.9	144
690	Remote ischemic preconditioning fails to reduce infarct size in the Zucker fatty rat model of type-2 diabetes: role of defective humoral communication. Basic Research in Cardiology, 2018, 113, 16.	2.5	47

#	Article	IF	Citations
691	Involvement of atrial natriuretic peptide in abrogated cardioprotective effect of ischemic preconditioning in ovariectomized rat heart. Human and Experimental Toxicology, 2018, 37, 704-713.	1.1	4
692	Preconditioning potential of purmorphamine: a hedgehog activator against ischaemic reperfusion injury in ovariectomised rat heart. Perfusion (United Kingdom), 2018, 33, 209-218.	0.5	4
693	Evans Blue Dye: A Revisit of Its Applications in Biomedicine. Contrast Media and Molecular Imaging, 2018, 2018, 1-10.	0.4	104
694	Guidelines for experimental models of myocardial ischemia and infarction. American Journal of Physiology - Heart and Circulatory Physiology, 2018, 314, H812-H838.	1.5	372
695	Alpha linolenic acid intake alleviates myocardial ischemia/reperfusion injury via the P2X7R/NF-Î¹B signalling pathway. Journal of Functional Foods, 2018, 49, 1-11.	1.6	9
696	Endogenous ornithine decarboxylase/polyamine system mediated the antagonist role of insulin/PEG-CMCS preconditioning against heart ischemia/reperfusion injury in diabetes mellitus. International Journal of Nanomedicine, 2018, Volume 13, 2507-2520.	3.3	13
697	Therapeutic Ultrasound Increases Myocardial Blood Flow in Ischemic Myocardium and Cardiac Endothelial Cells: Results of InÂVivo and InÂVitro Experiments. Journal of the American Society of Echocardiography, 2019, 32, 1151-1160.	1.2	9
698	Contemporaneous 3D characterization of acute and chronic myocardial I/R injury and response. Nature Communications, 2019, 10, 2312.	5.8	60
699	Introduction to Currently Applied Device Pathology. Toxicologic Pathology, 2019, 47, 221-234.	0.9	12
700	Ablation of the calpain-targeted site in cardiac myosin binding protein-C is cardioprotective during ischemia-reperfusion injury. Journal of Molecular and Cellular Cardiology, 2019, 129, 236-246.	0.9	20
701	Expandable Lattice Electrode Ablation Catheter. Circulation: Arrhythmia and Electrophysiology, 2019, 12, e007090.	2.1	27
702	Calcineurin/P38MAPK/HSP27-dependent pathways are involved in the attenuation of postischemic mitochondrial injury afforded by sodium bicarbonate co-transporter (NBCe1) inhibition. Biochemical Pharmacology, 2019, 161, 26-36.	2.0	4
703	Suppression of isoproterenol-induced cardiotoxicity in rats by raspberry ketone via activation of peroxisome proliferator activated receptor-Î±. European Journal of Pharmacology, 2019, 842, 157-166.	1.7	37
704	XPO1 Gene Therapy Attenuates Cardiac Dysfunction in Rats with Chronic Induced Myocardial Infarction. Journal of Cardiovascular Translational Research, 2020, 13, 593-600.	1.1	3
705	Peptidylarginine Deiminase 2 Knockout Improves Survival in hemorrhagic shock. Shock, 2020, 54, 458-463.	1.0	7
706	Therapeutic Ultrasound Improves Myocardial Blood Flow and Reduces Infarct Size in a Canine Model of Coronary Microthromboembolism. Journal of the American Society of Echocardiography, 2020, 33, 234-246.	1.2	5
707	Canonical and Non-Canonical Roles of Connexin43 in Cardioprotection. Biomolecules, 2020, 10, 1225.	1.8	24
708	3D-Printed Coronary Implants Are Effective for Percutaneous Creation of Swine Models with Focal Coronary Stenosis. Journal of Cardiovascular Translational Research, 2020, 13, 1033-1043.	1.1	3

#	Article	IF	Citations
709	Microwave ablation of the liver in a live porcine model: the impact of power, time and total energy on ablation zone size and shape. International Journal of Hyperthermia, 2020, 37, 668-676.	1.1	10
710	Potential role of EphrinA2 receptors in postconditioning induced cardioprotection in rats. European Journal of Pharmacology, 2020, 883, 173231.	1.7	2
711	Dantrolene Induces Mitigation of Myocardial Ischemia-Reperfusion Injury by Ryanodine Receptor Inhibition. Seminars in Thoracic and Cardiovascular Surgery, 2021, , .	0.4	3
712	Histologic evaluation of therapeutic responses in ischemic myocardium elicited by dual growth factor delivery from composite glycosaminoglycan hydrogels. Acta Histochemica, 2021, 123, 151699.	0.9	2
713	Dapsone Ameliorates Isoproterenol-Induced Myocardial Infarction via Nrf2/ HO-1; TLR4/ TNF-Î± Signaling Pathways and the Suppression of Oxidative Stress, Inflammation, and Apoptosis in Rats. Frontiers in Pharmacology, 2021, 12, 669679.	1.6	27
714	Myocardial contrast echocardiography assessment of mouse myocardial infarction: comparison of kinetic parameters with conventional methods. PeerJ, 2021, 9, e11500.	0.9	4
715	Cardioprotective efficiency of pharmacological postconditioning using lactic acid in ischemia-reperfusion of the myocardium in rats with transitional hypercholesterolemia. Proceedings of the National Academy of Sciences of Belarus, Medical Series, 2021, 18, 135-146.	0.2	3
716	Pharmacologic Inhibition of Pain Response to Incomplete Vascular Occlusion Blunts Cardiovascular Preconditioning Response. Cardiovascular Toxicology, 2021, 21, 889-900.	1.1	3
717	Expression of miR-200c corresponds with increased reactive oxygen species and hypoxia markers after transient focal ischemia in mice. Neurochemistry International, 2021, 149, 105146.	1.9	5
718	Mechanism of Cardioprotective Effect of Remote Aortic Preconditioning. Progress in Experimental Cardiology, 2004, , 277-285.	0.0	3
719	Effect of ethanol on myocardial infarct size in a canine model of coronary artery occlusion-reperfusion. , 1998, , 35-41.		4
720	Identification of Hydrogen Peroxide and Hydroxyl Radical as Mediators of LeukocyteInduced Myocardial Dysfunction. , 1985, , 159-175.		26
721	Ischemic Preconditioning of Myocardium: Effect of Adenosine. , 1993, , 223-234.		4
722	Reduction of irreversible injury in animal models of myocardial ischaemia by treatment with azapropazone. , 1989, , 95-106.		1
723	Postmortem: Histochemical Techniques. Developments in Cardiovascular Medicine, 1982, , 373-384.	0.1	10
725	The role of anisotropic impulse propagation in ventricular tachycardia. , 1989, , 565-575.		1
726	Differential inactivation of inotropic and toxic digitalis receptors in ischemic dog heart. Molecular basis of the deleterious effects of digitalis.. Journal of Biological Chemistry, 1987, 262, 12458-12462.	1.6	32
727	Effects of reperfusion after acute coronary occlusion on the beating, working heart compared to the arrested heart treated locally and globally with cardioplegia. Journal of Thoracic and Cardiovascular Surgery, 1984, 87, 561-566.	0.4	19

#	Article	IF	Citations
728	Analysis of the new indirect revascularization method by determining objective parameters of clinical chemistry, histo-chemistry and histology. European Journal of Cardio-thoracic Surgery, 1999, 15, 709-716.	0.6	6
730	Magnetic resonance imaging in acute myocardial infarction. Current Opinion in Cardiology, 1999, 14, 480.	0.8	9
731	Hypertonic saline without or with dextran-70 in the treatment of experimental acute myocardial ischemia and reperfusion. Critical Care Medicine, 1999, 27, 605-616.	0.4	16
732	Reliability of Technetium-99m Q12 and Thallium-201 Myocardial Activity Measurements After Triphenyl Tetrazolium Chloride Myocardial Staining by Perfusion. Investigative Radiology, 1999, 34, 276.	3.5	3
733	Infarct Size Reduction with Coronary Venous Retroinfusion of Diltiazem in the Acute Occlusion/Reperfusion Porcine Heart Model. Journal of Cardiovascular Pharmacology, 1996, 28, 134-141.	0.8	21
734	Suppression of Inducible Ventricular Arrhythmias by Intravenous Azimilide in Dogs with Previous Myocardial Infarction. Journal of Cardiovascular Pharmacology, 1996, 28, 848-855.	0.8	25
735	Time Course of Delayed Myocardial Protection After Transient Adenosine A1-Receptor Activation in the Rabbit. Journal of Cardiovascular Pharmacology, 1997, 29, 631-638.	0.8	71
736	Effect of Acidotic Blood Reperfusion on Reperfusion Injury After Coronary Artery Occlusion in the Dog Heart. Journal of Cardiovascular Pharmacology, 1998, 31, 179-186.	0.8	44
737	Angiotensin II Type 1 Receptor Blockade with Candesartan Protects the Porcine Myocardium from Reperfusion-Induced Injury. Journal of Cardiovascular Pharmacology, 1998, 32, 231-238.	0.8	25
738	Î²-Adrenergic Stimulation of Reperfused Myocardium After 2-Hour Ischemia. Journal of Cardiovascular Pharmacology, 1998, 32, 535-542.	0.8	13
739	The Time Course of Cardioprotection Induced by GR79236, a Selective Adenosine A1-Receptor Agonist, in Myocardial Ischaemia-Reperfusion Injury in the Pig. Journal of Cardiovascular Pharmacology, 1999, 33, 285-291.	0.8	53
740	Role of Angiotensin in Cardioprotective Effect of Ischemic Preconditioning. Journal of Cardiovascular Pharmacology, 1999, 33, 772-778.	0.8	21
741	Combination of a Calcium Antagonist, a Lipid-Peroxidation Inhibitor, and an Angiotensin AT1-Receptor Antagonist Provides Additive Myocardial Infarct Size-Limiting Effect in Pigs. Journal of Cardiovascular Pharmacology, 1999, 34, 512-517.	0.8	7
742	Î±-Human Atrial Natriuretic Peptide, Carperitide, Reduces Infarct Size But Not Arrhythmias After Coronary Occlusion/Reperfusion in Dogs. Journal of Cardiovascular Pharmacology, 2000, 36, 22-30.	0.8	45
743	Calcium Antagonist Protects the Myocardium from Reperfusion Injury by Interfering with Mechanisms Directly Related to Reperfusion: An Experimental Study with the Ultrashort-Acting Calcium Antagonist Clevidipine. Journal of Cardiovascular Pharmacology, 2000, 36, 338-343.	0.8	27
744	Cardioprotection from Ischemia and Reperfusion Injury by an Endothelin A-Receptor Antagonist in Relation to Nitric Oxide Production. Journal of Cardiovascular Pharmacology, 2000, 36, 405-412.	0.8	27
745	The Effect of the 21-Aminosteroid U74006F in a Rabbit Model of Thromboembolic Stroke. Neurosurgery, 1992, 31, 929???934.	0.6	1
746	ACUTE BRAIN DEATH ABOLISHES THE CARDIOPROTECTIVE EFFECTS OF ISCHEMIC PRECONDITIONING IN THE RABBIT. Transplantation, 2000, 69, 2013-2019.	0.5	15

#	Article	IF	Citations
747	Aprotinin Abolishes Sevoflurane Postconditioning by Inhibiting Nitric Oxide Production and Phosphorylation of Protein Kinase C-Î´ and Glycogen Synthase Kinase 3Î². Anesthesiology, 2009, 111, 1036-1043.	1.3	17
748	Absence of Lethal Reperfusion Injury After 3 Hours of Reperfusion. Circulation, 1995, 91, 2989-2994.	1.6	21
749	Experimental Ablation of Outflow Tract Muscle With a Thermal Balloon Catheter. Circulation, 1995, 91, 2445-2453.	1.6	6
750	Arrhythmias and Death After Coronary Artery Occlusion in the Rat. Circulation, 1995, 92, 253-261.	1.6	110
751	Adjunctive Selectin Blockade Successfully Reduces Infarct Size Beyond Thrombolysis in the Electrolytic Canine Coronary Artery Model. Circulation, 1995, 92, 492-499.	1.6	44
752	Infarct Salvage With Liposomal Prostaglandin E ₁ Administered by Intravenous Bolus Immediately Before Reperfusion in a Canine Infarction-Reperfusion Model. Circulation, 1995, 92, 935-943.	1.6	32
753	Rapid Ventricular Induction of Brain Natriuretic Peptide Gene Expression in Experimental Acute Myocardial Infarction. Circulation, 1995, 92, 1558-1564.	1.6	356
754	Physiological Basis of Myocardial Contrast Enhancement in Fast Magnetic Resonance Images of 2-Day-Old Reperfused Canine Infarcts. Circulation, 1995, 92, 1902-1910.	1.6	390
755	Does Cardiopulmonary Bypass Alone Elicit Myoprotective Preconditioning?. Circulation, 1995, 92, 447-451.	1.6	49
756	Transmural Channels Can Protect Ischemic Tissue. Circulation, 1996, 93, 143-152.	1.6	102
757	Optical Mapping in a New Guinea Pig Model of Ventricular Tachycardia Reveals Mechanisms for Multiple Wavelengths in a Single Reentrant Circuit. Circulation, 1996, 93, 603-613.	1.6	124
758	Myocardial Gd-DTPA Kinetics Determine MRI Contrast Enhancement and Reflect the Extent and Severity of Myocardial Injury After Acute Reperfused Infarction. Circulation, 1996, 94, 3318-3326.	1.6	542
759	Coronary Reserve Abnormalities in the Infarcted Myocardium. Circulation, 1996, 94, 748-754.	1.6	70
760	Contractile Versus Microvascular Reserve for the Determination of the Extent of Myocardial Salvage After Reperfusion. Circulation, 1996, 94, 1430-1440.	1.6	29
761	Fast ²³ Na Magnetic Resonance Imaging of Acute Reperfused Myocardial Infarction. Circulation, 1997, 95, 1877-1885.	1.6	109
762	Intravenous Thrombolysis With Recombinant Staphylokinase Versus Tissue-Type Plasminogen Activator in a Rabbit Embolic Stroke Model. Stroke, 1997, 28, 1783-1788.	1.0	15
763	Coronary thrombolysis and infarct size reduction after intravenous infusion of recombinant tissue-type plasminogen activator in nonhuman primates.. Journal of Clinical Investigation, 1985, 75, 84-90.	3.9	67
764	Kinetics of rubidium-82 after coronary occlusion and reperfusion. Assessment of patency and viability in open-chested dogs.. Journal of Clinical Investigation, 1985, 75, 1131-1137.	3.9	59

#	Article	IF	Citations
765	Overexpression of the rat inducible 70-kD heat stress protein in a transgenic mouse increases the resistance of the heart to ischemic injury.. Journal of Clinical Investigation, 1995, 95, 1446-1456.	3.9	777
766	Src blockade stabilizes a Flk/cadherin complex, reducing edema and tissue injury following myocardial infarction. Journal of Clinical Investigation, 2004, 113, 885-894.	3.9	288
767	Src blockade stabilizes a Flk/cadherin complex, reducing edema and tissue injury following myocardial infarction. Journal of Clinical Investigation, 2004, 113, 885-894.	3.9	162
768	Cardioprotective actions of two bioflavonoids, quercetin and rutin, in experimental myocardial infarction in both normal and streptozotocin-induced type I diabetic rats. Journal of Pharmacy and Pharmacology, 2009, 61, 1365-1374.	1.2	67
769	The Bitter Fate of the Sweet Heart: Impairment of Iron Homeostasis in Diabetic Heart Leads to Failure in Myocardial Protection by Preconditioning. PLoS ONE, 2013, 8, e62948.	1.1	12
770	Iron Deposition following Chronic Myocardial Infarction as a Substrate for Cardiac Electrical Anomalies: Initial Findings in a Canine Model. PLoS ONE, 2013, 8, e73193.	1.1	23
771	Transmural Ultrasound Imaging of Thermal Lesion and Action Potential Changes in Perfused Canine Cardiac Wedge Preparations by High Intensity Focused Ultrasound Ablation. PLoS ONE, 2013, 8, e82689.	1.1	3
772	GÎ±i2- and GÎ±i3-Deficient Mice Display Opposite Severity of Myocardial Ischemia Reperfusion Injury. PLoS ONE, 2014, 9, e98325.	1.1	24
773	The Influence of a Metal Stent on the Distribution of Thermal Energy during Irreversible Electroporation. PLoS ONE, 2016, 11, e0148457.	1.1	43
774	Detection of Acute Myocardial Infarction by Evaluation of Ultrasonic Gray Levels in Dogs.. International Heart Journal, 1991, 32, 687-699.	0.6	1
775	Decreased Expression of Na+/H+ Exchanger Isoform 1 (NHE1) in Non-infarcted Myocardium after Acute Myocardial Infarction.. International Heart Journal, 2002, 43, 273-282.	0.6	7
776	Making of a highly useful multipurpose vaccine. Journal of Translational Science, 2016, 2, .	0.2	3
777	On the significance of hyperlactatemia in the implementation of the infarct-limiting effect of remote ischemic postconditioning in myocardial ischemia-reperfusion in the experiment. , 2020, 64, 332-340.	0.0	5
778	Peripheral M-choline-reactive systems in the infarct-limited effect implementation of remote ischemic postconditioning during ischemia-reperfusion of myocardium in experiment. Proceedings of the National Academy of Sciences of Belarus, Medical Series, 2019, 16, 424-433.	0.2	5
779	Significance of nitrogen monoxide in the implementation of the infarctlimiting effect of remote ischemic postconditioning in myocardial ischemia-reperfusion in young and old rats. Proceedings of the National Academy of Sciences of Belarus, Medical Series, 2020, 17, 353-363.	0.2	6
780	Localization of In-111 Antimyosin Fab and 99mTc-Pyrophosphate in Reperfusion Myocardial Infarction Model. Korean Journal of Internal Medicine, 1990, 5, 15-23.	0.7	1
781	Comparisons of Myocardial Protective Effects of Sevoflurane at Different Concentrations against Ischemia in Isolated Rat Heart. Daehan Macwi'gwa Haghoeji, 2004, 47, 246.	0.2	1
782	Effect of pioglitazone on the abrogated cardioprotective effect of ischemic preconditioning in hyperlipidemic rat heart. Indian Journal of Pharmacology, 2016, 48, 59.	0.4	6

#	Article	IF	Citations
783	Evaluation of thyroid hormone induced pharmacological preconditioning on cardiomyocyte protection against ischemic-reperfusion injury. Indian Journal of Pharmacology, 2012, 44, 68.	0.4	8
784	Renal sympathetic nerve denervation using intraluminal ultrasound within a cooling balloon preserves the arterial wall and reduces sympathetic nerve activity. EuroIntervention, 2015, 11, 477-484.	1.4	38
785	Possible Role of Cyclooxygenase-2 in Remote Aortic Preconditioning Induced Cardioprotection in Rat Heart. Pharmacologia, 2012, 3, 1-8.	0.3	7
786	Lipid Peroxidation and Reperfusion Injury in Hypertrophied Hearts. , 0, , .		1
787	The Utility of C4d, C9, and Troponin T Immunohistochemistry in Acute Myocardial Infarction. Archives of Pathology and Laboratory Medicine, 2010, 134, 256-263.	1.2	35
788	Mechanism and potential treatment of the â€œno reflowâ€•phenomenon after acute myocardial infarction: role of pericytes and GPR39. American Journal of Physiology - Heart and Circulatory Physiology, 2021, 321, H1030-H1041.	1.5	21
789	Therapeutic activity of sarpogrelate and dopamine D2 receptor agonists on cardiovascular and renal systems in rats with alloxan-induced diabetes. BMC Pharmacology & Toxicology, 2021, 22, 64.	1.0	4
790	Role of Adenosine Triphosphate Sensitive Potassium Channel in Ischemic Preconditioning of Rat Heart. The Showa University Journal of Medical Sciences, 2000, 12, 127-137.	0.1	0
793	Ablative Therapies. , 2010, , 391-407.		0
794	Pathophysiology of Myocardial Reperfusion Injury. , 2012, , 11-28.		0
795	Myocardial salvage by pharmacological interventions. , 1984, , 251-256.		2
796	Experimental Models and Endpoints for Evaluating Interventions in the Acute Phase of Myocardial Infarction â€”An Anatomic Approach. Developments in Cardiovascular Medicine, 1984, , 1-11.	0.1	1
797	Selective Arterialization of the Coronary Venous System Under Low Pressure. , 1984, , 336-342.		1
798	Pathologic Anatomy of Acquired Ventricular Disease. , 1985, , 1-40.		1
799	Comparison of the effects of coronary artery occlusion on regional myocardial blood flow distribution and necrosis in conscious primates and dogs. , 1986, , 71-80.		1
800	Wirkungen von Gallopamil und Nifedipin auf ventrikulÃre Arrhythmien, Kammerflimmern, epikardiale LeitungsverzÃ¶gerungen und den Zeitverlauf der ventrikulÃren Flimmerschwelle wÃhrend MyokardischÃmie und Reperfusion. , 1987, , 31-51.		1
801	Pharmakologische Beeinflussung von Reperfusionsarrhythmien. , 1987, , 225-246.		0
802	Effects of gallopamil and nifedipine on ventricular arrhythmias, ventricular fibrillation, epicardial conduction delays and changes in the ventricular fibrillation threshold with time during myocardial ischaemia and reperfusion. , 1989, , 31-51.		0

#	Article	IF	Citations
804	Mechanisms of Reentrant Arrhythmias. , 1989, , 248-256.		0
805	REDUCTION OF REPERFUSION INJURY BY THIOL PROTEASE INHIBITION. The KITAKANTO Medical Journal, 1991, 41, 33-50.	0.0	0
806	Effects of Selective Cardiac Denervation on Collateral Blood Flow after Coronary Artery Occlusion in Conscious Dogs. , 1991, 85 Suppl 1, 229-239.		3
807	THE BLOOD CELLULAR ELEMENT AS A MEDIATOR OF ISCHEMIA-REPERFUSION INJURY. The KITAKANTO Medical Journal, 1993, 43, 353-368.	0.0	0
808	Myocardial 82 RB Kinetics Identify Cell Membrane Integrity and Tissue Viability. Developments in Cardiovascular Medicine, 1996, , 263-277.	0.1	0
809	Is stunning prevented by ischemic preconditioning?. , 1998, , 123-129.		0
810	Forensic Diagnosis of Acute Myocardial Infarction: Application of Mass Spectrometry. International Journal of Forensic Science & Pathology, 0, , 65-69.	0.0	1
811	Quercetin: A Phytoestrogen Attenuate GSK-3Î² Inhibitors Induced Delayed Cardioprotection in Diabetic Rat Heart. Pharmacologia, 2015, 6, 293-299.	0.3	3
812	The investigation of infarct-limiting effects of preservation solutions in the rat model of long-time static cold storage of isolated rat heart. Regional Blood Circulation and Microcirculation, 2015, 14, 78-81.	0.1	1
813	Modification on acute myocardial infarction model through left anterior descending coronary artery ligation: An experimental study on rats (Rattus norvegicus) using readily available materials. Veterinary World, 2019, 12, 1448-1453.	0.7	1
814	Detection and Quantification of Acute Myocardial Infarction by Myocardial Scintigraphy. Developments in Cardiovascular Medicine, 1983, , 181-192.	0.1	0
815	Triphenyltetrazolium staining of irreversible ischemic injury following coronary artery occlusion in rats. American Journal of Pathology, 1985, 121, 522-30.	1.9	229
816	Myocardial myoglobin following coronary artery occlusion. An immunohistochemical study. American Journal of Pathology, 1983, 111, 374-9.	1.9	24
817	Cardioprotective activity of silymarin in ischemia-reperfusion-induced myocardial infarction in albino rats. Experimental and Clinical Cardiology, 2007, 12, 179-87.	1.3	37
818	In vivo detection of stem cells grafted in infarcted rat myocardium. Journal of Nuclear Medicine, 2005, 46, 816-22.	2.8	67
819	Therapeutic potential of sulindac against ischemia-reperfusion-induced myocardial infarction in diabetic and nondiabetic rats. Experimental and Clinical Cardiology, 2008, 13, 66-70.	1.3	11
820	Myocardial protection by selective poly(ADP-ribose) polymerase inhibitors. Experimental and Clinical Cardiology, 2004, 9, 17-20.	1.3	7
821	High doses of ketamine-xylazine anesthesia reduce cardiac ischemia-reperfusion injury in guinea pigs. Journal of the American Association for Laboratory Animal Science, 2011, 50, 349-54.	0.6	19

#	Article	IF	Citations
822	rAAV-mediated delivery of brain-derived neurotrophic factor promotes neurite outgrowth and protects neurodegeneration in focal ischemic model. International Journal of Clinical and Experimental Pathology, 2011, 4, 496-504.	0.5	25
823	Cardioprotective activity of chalcones in ischemia/reperfusion-induced myocardial infarction in albino rats. Experimental and Clinical Cardiology, 2012, 17, 110-4.	1.3	7
824	Effects of Short-term Renovascular Hypertension and Type 2 Diabetes on Cardiac Functions in Rats. Iranian Journal of Medical Sciences, 2014, 39, 51-9.	0.3	5
825	Ultrasound Detection of Myocardial Ischemic Memory Using an E-Selectin Targeting Peptide Amenable to Human Application. Molecular Imaging, 2014, 16, 1-9.	0.7	3
826	Efficacy of a new mutated recombinant tissue-type plasminogen activator in beagles with acute coronary artery thrombi. World Journal of Emergency Medicine, 2010, 1, 126-31.	0.5	0
827	Peroxisome proliferator-activated receptor Î³ (PPARÎ³) mediates the protective effect of quercetin against myocardial ischemia-reperfusion injury via suppressing the NF-Î°B pathway. American Journal of Translational Research (discontinued), 2016, 8, 5169-5186.	0.0	35
828	Exploring the role of dimethylarginine dimethylaminohydrolase-mediated reduction in tissue asymmetrical dimethylarginine levels in cardio-protective mechanism of ischaemic postconditioning in rats. Iranian Journal of Basic Medical Sciences, 2019, 22, 1415-1423.	1.0	2
829	Exploring the role and inter-relationship among nitric oxide, opioids, and K channels in the signaling pathway underlying remote ischemic preconditioning induced cardioprotection in rats. Iranian Journal of Basic Medical Sciences, 2019, 22, 820-826.	1.0	0
830	Investigating the role of acute and repeated stress on remote ischemic preconditioning-induced cardioprotection. Iranian Journal of Basic Medical Sciences, 2020, 23, 111-116.	1.0	0
831	Chronic GPER activation prevents ischemia/reperfusion injury in ovariectomized rats. Biochimica Et Biophysica Acta - General Subjects, 2022, 1866, 130060.	1.1	3
832	Forensic significance of intracardiac heme oxygenase-1 expression in acute myocardial ischemia. Scientific Reports, 2021, 11, 21828.	1.6	2
833	A Potent Inhibitor of Aminopeptidase P2 Reduces Reperfusion Injury in Models of Myocardial Infarction and Stroke. Journal of Pharmacology and Experimental Therapeutics, 2022, 380, 220-229.	1.3	1
835	Effect of ethanol on myocardial infarct size in a canine model of coronary artery occlusion-reperfusion. Molecular and Cellular Biochemistry, 1998, 186, 35-41.	1.4	5
836	Is stunning prevented by ischemic preconditioning?. Molecular and Cellular Biochemistry, 1998, 186, 123-9.	1.4	5
837	The Role of Immunohistochemical Markers in the Diagnosis of Early Myocardial Infarction. Cureus, 2022, 14, e22391.	0.2	0
838	Anethole's effects against myocardial infarction: The role of TLR4/NFÎ°B and Nrf2/HO1 pathways. Chemico-Biological Interactions, 2022, 360, 109947.	1.7	4
839	Infarct size in rabbits: a modified method illustrated by the effects of propranolol and trimetazidine. Basic Research in Cardiology, 1993, 88, 250-258.	2.5	25
842	Ceiling effect of Postconditioning and Atrial Natriuretic Peptide in Cardioprotection against Ischemia Reperfusion Injury in Ovariectomized rat hearts. Brazilian Journal of Pharmaceutical Sciences, 0, 58, .	1.2	0

#	Article	IF	Citations
843	Modulation of Mitochondrial Respiration During Early Reperfusion Reduces Cardiac Injury in Donation After Circulatory Death Hearts. Journal of Cardiovascular Pharmacology, 2022, 80, 148-157.	0.8	4
844	Comparative evaluation of infarct-limiting efficiency of postconditioning with lactate in ischemia-reperfusion of the myocardium in young and old rats and rats with transient hypercholesterolemia. Proceedings of the National Academy of Sciences of Belarus, Medical Series, 2022, 19, 135-150.	0.2	0
845	Cardiovascular pathology: guide to practice and training. , 2022, , 1-26.		0
846	Role of ACE and ACE-2 in abrogated cardioprotective effect of ischemic preconditioning in ovariectomized rat heart. Brazilian Journal of Pharmaceutical Sciences, 0, 58, .	1.2	0
847	Myocardial ischemia and its complications. , 2022, , 407-445.		1
848	Dâ€pinitol attenuates isoproterenol induced myocardial infarction by alleviating cardiac inflammation, oxidative stress and ultrastructural changes in Swiss Albino mice. Clinical and Experimental Pharmacology and Physiology, 0, , .	0.9	2
849	Cardioprotective Activity of Cassia fistula L. Bark Extract in Isoproterenol-Induced Myocardial Infarction Rat Model. Evidence-based Complementary and Alternative Medicine, 2022, 2022, 1-10.	0.5	6
850	Effects of Electrode-Tissue Proximity on Cardiac Lesion Formation Using Pulsed Field Ablation. Circulation: Arrhythmia and Electrophysiology, 2022, 15, .	2.1	21
851	Myocardial Infarct-Size Limiting Effect of Postconditioning with L-Lactate in Young and Old Rats under Atropine-Induced Blockade of M-Cholinoreceptors. Journal of Evolutionary Biochemistry and Physiology, 2022, 58, 1321-1331.	0.2	0
852	Norepinephrine-Induced Delayed Cardioprotection against Stunning is at the Expense of a Higher Postishemic Arrhythmia Rate. Vascular, 2003, 11, 475-482.	0.5	0
853	Influence of sex on global myocardial ischemia tolerance and mitochondrial function in circulatory death donor hearts. American Journal of Physiology - Heart and Circulatory Physiology, 2023, 324, H57-H66.	1.5	1
854	Effect of contact force on pulsed field ablation lesions in porcine cardiac tissue. Journal of Cardiovascular Electrophysiology, 2023, 34, 693-699.	0.8	10
855	A Multiscale Computational Model of Skeletal Muscle Electroporation Validated Using In Situ Porcine Experiments. IEEE Transactions on Biomedical Engineering, 2023, 70, 1826-1837.	2.5	2