TÃ¡Åˆa RavingerovÃ¡

List of Publications by Year
in descending order

55 papers	1,359 citations	279778 23 h-index	361001 35 g-index
55 all docs	55 docs citations	55 times ranked	1775 citing authors

#	Article	IF	Citations
1	Cardioprotective Effects of PPARÎ²/Î´ Activation against Ischemia/Reperfusion Injury in Rat Heart Are Associated with ALDH2 Upregulation, Amelioration of Oxidative Stress and Preservation of Mitochondrial Energy Production. International Journal of Molecular Sciences, 2021, 22, 6399.	4.1	17
2	Inhibition of Cardiac RIP3 Mitigates Early Reperfusion Injury and Calcium-Induced Mitochondrial Swelling without Altering Necroptotic Signalling. International Journal of Molecular Sciences, 2021, 22, 7983.	4.1	20
3	Impact of Maturation on Myocardial Response to Ischemia and the Effectiveness of Remote Preconditioning in Male Rats. International Journal of Molecular Sciences, 2021, 22, 11009.	4.1	6
4	The Molecular Mechanisms of Iron Metabolism and Its Role in Cardiac Dysfunction and Cardioprotection. International Journal of Molecular Sciences, 2020, 21, 7889.	4.1	80
5	Myocardial connexin-43 is upregulated in response to acute cardiac injury in rats. Canadian Journal of Physiology and Pharmacology, 2017, 95, 911-919.	1.4	12
6	Potential markers and metabolic processes involved in the mechanism of radiation-induced heart injury. Canadian Journal of Physiology and Pharmacology, 2017, 95, 1190-1203.	1.4	46
7	Noninvasive approach to mend the broken heart: Is â€œremote conditioningâ€•a promising strategy for application in humans?. Canadian Journal of Physiology and Pharmacology, 2017, 95, 1204-1212.	1.4	5
8	Changes in mitochondrial properties may contribute to enhanced resistance to ischemiaâ€“reperfusion injury in the diabetic rat heart. Canadian Journal of Physiology and Pharmacology, 2017, 95, 969-976.	1.4	6
9	Pleiotropic Effects of Simvastatin on Some Calcium Regulatory and Myofibrillar Proteins in Ischemic/Reperfused Heart: Causality of Statins Cardioprotection?. Current Pharmaceutical Design, 2017, 22, 6451-6458.	1.9	6
10	Naproxen and Diclofenac Attenuate Atorvastatin-induced Preconditioning of the Myocardium. Cureus, 2017, 9, e1201.	0.5	0
11	Role of Pleiotropic Properties of Peroxisome Proliferatorâ€Activated Receptors in the Heart: Focus on the Nonmetabolic Effects in Cardiac Protection. Cardiovascular Therapeutics, 2016, 34, 37-48.	2.5	31
12	Data on necrotic and apoptotic cell death in acute myocardial ischemia/reperfusion injury: the effects of CaMKII and angiotensin AT1 receptor inhibition. Data in Brief, 2016, 7, 730-734.	1.0	2
13	Oxidative activation of CaMKIIÎ´ in acute myocardial ischemia/reperfusion injury: A role of angiotensin AT1 receptor-NOX2 signaling axis. European Journal of Pharmacology, 2016, 771, 114-122.	3.5	16
14	Pleiotropic preconditioning-like cardioprotective effects of hypolipidemic drugs in acute ischemiaâ€“reperfusion in normal and hypertensive rats. Canadian Journal of Physiology and Pharmacology, 2015, 93, 495-503.	1.4	7
15	Mechanisms of cardiac radiation injury and potential preventive approaches. Canadian Journal of Physiology and Pharmacology, 2015, 93, 737-753.	1.4	39
16	Effect of crowding stress on tolerance to ischemiaâ€“reperfusion injury in young male and female hypertensive rats: molecular mechanisms. Canadian Journal of Physiology and Pharmacology, 2015, 93, 793-802.	1.4	10
17	Mitigation of postischemic cardiac contractile dysfunction by CaMKII inhibition: effects on programmed necrotic and apoptotic cell death. Molecular and Cellular Biochemistry, 2014, 388, 269-276.	3.1	41
18	Delayed cardioprotective effects of WY-14643 are associated with inhibition of MMP-2 and modulation of Bcl-2 family proteins through PPAR-Î± activation in rat hearts subjected to global ischaemiaâ€“reperfusion. Canadian Journal of Physiology and Pharmacology, 2013, 91, 608-616.	1.4	19

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19	Impact of age and sex on response to ischemic preconditioning in the rat heart: differential role of the PI3Kâ€“AKT pathway. Canadian Journal of Physiology and Pharmacology, 2013, 91, 640-647.	1.4	18
20	The Role of CaM Kinase II in Cardiac Function in Health and Disease. , 2013, , 447-461.		0
21	Upregulation of CaMKIIÎ´ during ischaemiaâ€“reperfusion is associated with reperfusion-induced arrhythmias and mechanical dysfunction of the rat heart: involvement of sarcolemmal Ca2+-cycling proteins. Canadian Journal of Physiology and Pharmacology, 2012, 90, 1127-1134.	1.4	13
22	Prolonged oxytocin treatment in rats affects intracellular signaling and induces myocardial protection against infarction. General Physiology and Biophysics, 2012, 31, 261-270.	0.9	26
23	PPAR-alpha activation as a preconditioning-like intervention in rats in vivo confers myocardial protection against acute ischaemiaâ€“reperfusion injury: involvement of PI3Kâ€“Akt. Canadian Journal of Physiology and Pharmacology, 2012, 90, 1135-1144.	1.4	45
24	The role of PPAR in myocardial response to ischemia in normal andâ€¯diseased heart. General Physiology and Biophysics, 2012, 30, 329-341.	0.9	30
25	PPARs and Myocardial Response to Ischemia in Normal and Diseased Heart. , 2011, , 135-148.		1
26	Activation of Akt kinase accompanies increased cardiac resistance to ischemia/reperfusion in rats after short-term feeding with lard-based high-fat diet and increased sucrose intake. Nutrition Research, 2011, 31, 631-643.	2.9	9
27	Hemidesmus indicusandHibiscus rosa-sinensisAffect Ischemia Reperfusion Injury in Isolated Rat Hearts. Evidence-based Complementary and Alternative Medicine, 2011, 2011, 1-8.	1.2	16
28	Acute treatment with polyphenol quercetin improves postischemic recovery of isolated perfused rat hearts after global ischemia. Canadian Journal of Physiology and Pharmacology, 2010, 88, 465-471.	1.4	36
29	Changes inPPARgene expression and myocardial tolerance to ischaemia: relevance to pleiotropic effects of statinsThis article is one of a selection of papers published in a special issue on Advances in Cardiovascular Research.. Canadian Journal of Physiology and Pharmacology, 2009, 87, 1028-1036.	1.4	28
30	Introduction / Introduction. Canadian Journal of Physiology and Pharmacology, 2009, 87, v-vi.	1.4	0
31	Mitochondrial K_{ATP}opening confers protection against lethal myocardial injury and ischaemia-induced arrhythmias in the rat heart via PI3K/Akt-dependent and -independent mechanismsThis article is one of a selection of papers published in a special issue on Advances in Cardiovascular Research.. Canadian Journal of Physiology and Pharmacology, 2009, 87, 1055-1062.	1.4	22
32	Oxytocin exerts protective effects on in vitro myocardial injury induced by ischemia and reperfusionThis article is one of a selection of papers from the NATO Advanced Research Workshop on Translational Knowledge for Heart Health (published in part 1 of a 2-part Special Issue).. Canadian Journal of Physiology and Pharmacology, 2009, 87, 137-142.	1.4	72
33	Calcium signaling-mediated endogenous protection of cell energetics in the acutely diabetic myocardiumThis article is one of a selection of papers published in a special issue on Advances in Cardiovascular Research.. Canadian Journal of Physiology and Pharmacology, 2009, 87, 1083-1094.	1.4	16
34	The effect of chronic nitric oxide synthases inhibition on regulatory proteins in rat hearts. Molecular and Cellular Biochemistry, 2008, 312, 113-120.	3.1	8
35	Suppression of ischemic arrhythmias in the diabetic heart does not require PI3K/AKT and ROS: Relevance to ischemic preconditioning. Journal of Molecular and Cellular Cardiology, 2008, 44, 761-762.	1.9	2
36	The myocardial infarct size-limiting and antiarrhythmic effects of acyl-CoA:Cholesterol acyltransferase inhibitor VULM 1457 protect the hearts of diabeticâ€“hypercholesterolaemic rats against ischaemia/reperfusion injury both in vitro and in vivo. European Journal of Pharmacology, 2007, 576, 114-121.	3.5	4

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37	Differential role of PI3K/Akt pathway in the infarct size limitation and antiarrhythmic protection in the rat heart. Molecular and Cellular Biochemistry, 2007, 297, 111-120.	3.1	68
38	Effect of streptozotocin-induced diabetes on daily expression of per2 and dbp in the heart and liver and melatonin rhythm in the pineal gland of Wistar rat. Molecular and Cellular Biochemistry, 2005, 270, 223-229.	3.1	35
39	Mitogen-activated protein kinases: a new therapeutic target in cardiac pathology. Molecular and Cellular Biochemistry, 2003, 247, 127-138.	3.1	162
40	Ischemic tolerance of rat hearts in acute and chronic phases of experimental diabetes. Molecular and Cellular Biochemistry, 2003, 249, 167-174.	3.1	53
41	Mitogen-activated protein kinases in the acute diabetic myocardium. Molecular and Cellular Biochemistry, 2003, 249, 59-65.	3.1	23
42	Mitogen-activated protein kinases in the acute diabetic myocardium. , 2003, , 59-65.		6
43	Augmented Energy Transfer in Rat Heart Mitochondria: Compensatory Response to Abnormal Household of Energy in Acute Diabetes. Progress in Experimental Cardiology, 2003, , 439-453.	0.0	7
44	Ischemic tolerance of rat hearts in acute and chronic phases of experimental diabetes. , 2003, , 167-174.		7
45	Sensitivity to Ischemic Injury in the Diabetic Heart: a Dichotomy between Susceptibility to Ventricular Arrhythmias and the Size of Myocardial Infarction. Progress in Experimental Cardiology, 2003, , 409-422.	0.0	1
46	Mitogen-activated protein kinases in the acute diabetic myocardium. Molecular and Cellular Biochemistry, 2003, 249, 59-65.	3.1	10
47	Regulation of mitochondrial contact sites in neonatal, juvenile and diabetic hearts. Molecular and Cellular Biochemistry, 2002, 236, 37-44.	3.1	8
48	Ventricular arrhythmias following coronary artery occlusion in rats: is the diabetic heart less or more sensitive to ischaemia?. Basic Research in Cardiology, 2001, 96, 160-168.	5.9	44
49	Acute diabetes modulates response to ischemia in isolated rat heart. Molecular and Cellular Biochemistry, 2000, 210, 143-151.	3.1	56
50	5-HD abolishes ischemic preconditioning independently of monophasic action potential duration in the heart. Basic Research in Cardiology, 2000, 95, 228-234.	5.9	26
51	Free oxygen radicals contribute to high incidence of reperfusion-induced arrhythmias in isolated rat heart. Life Sciences, 1999, 65, 1927-1930.	4.3	31
52	Mechanism of hypoxic preconditionin in guinea pig papillary muscles. Molecular and Cellular Biochemistry, 1998, 186, 53-60.	3.1	8
53	Mechanisms that may be involved in calcium tolerance of the diabetic heart. Molecular and Cellular Biochemistry, 1997, 176, 191-198.	3.1	31
54	Delayed cardioprotection is associated with the sub-cellular relocalisation of ventricular protein kinase C?, but not p42/44MAPK. Molecular and Cellular Biochemistry, 1996, 160-161, 225-230.	3.1	28

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55	Brief, intermediate and prolonged ischemia in the isolated crystalloid perfused rat heart: Relationship between susceptibility to arrhythmias and degree of ultrastructural injury. Journal of Molecular and Cellular Cardiology, 1995, 27, 1937-1951.	1.9	46