Tna Ravingerov

List of Publications by Year in Descending Order

52 papers	1,090 citations	20 h-index	31 g-index
55 ext. papers	1,194 ext. citations	3.8 avg, IF	3.84 L-index

#	Paper	IF	Citations
52	Cardioprotective Effects of PPAR/ 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,	6.3	5
51	Inhibition of Cardiac RIP3 Mitigates Early Reperfusion Injury and Calcium-Induced Mitochondrial Swelling without Altering Necroptotic Signalling. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	3
50	The Molecular Mechanisms of Iron Metabolism and Its Role in Cardiac Dysfunction and Cardioprotection. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	32
49	Myocardial connexin-43 is upregulated in response to acute cardiac injury in rats. *Canadian Journal of Physiology and Pharmacology*, **2017**, 95, 911-919	2.4	9
48	Potential markers and metabolic processes involved in the mechanism of radiation-induced heart injury. *Canadian Journal of Physiology and Pharmacology*, **2017**, 95, 1190-1203	2.4	31
47	Noninvasive approach to mend the broken heart: Is "remote conditioning" a promising strategy for application in humans?. *Canadian Journal of Physiology and Pharmacology*, **2017**, 95, 1204-1212	2.4	3
46	Changes in mitochondrial properties may contribute to enhanced resistance to ischemia-reperfusion injury in the diabetic rat heart. *Canadian Journal of Physiology and Pharmacology*, **2017**, 95, 969-976	2.4	5
45	Naproxen and Diclofenac Attenuate Atorvastatin-induced Preconditioning of the Myocardium. *Cureus*, **2017**, 9, e1201	1.2	
44	Role of Pleiotropic Properties of Peroxisome Proliferator-Activated Receptors in the Heart: Focus on the Nonmetabolic Effects in Cardiac Protection. *Cardiovascular Therapeutics*, **2016**, 34, 37-48	3.3	20
43	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, 730-4	1.2	1
42	Oxidative activation of CaMKII in acute myocardial ischemia/reperfusion injury: A role of angiotensin AT1 receptor-NOX2 signaling axis. *European Journal of Pharmacology*, **2016**, 771, 114-22	5.3	12
41	Pleiotropic Effects of Simvastatin on Some Calcium Regulatory and Myofibrillar Proteins in Ischemic/Reperfused Heart: Causality of Statins Cardioprotection?. *Current Pharmaceutical Design*, **2016**, 22, 6451-6458	3.3	3
40	Mechanisms of cardiac radiation injury and potential preventive approaches. *Canadian Journal of Physiology and Pharmacology*, **2015**, 93, 737-53	2.4	31
39	Effect of crowding stress on tolerance to ischemia-reperfusion injury in young male and female hypertensive rats: molecular mechanisms. *Canadian Journal of Physiology and Pharmacology*, **2015**, 93, 793-802	2.4	10
38	Pleiotropic preconditioning-like cardioprotective effects of hypolipidemic drugs in acute ischemia-reperfusion in normal and hypertensive rats. *Canadian Journal of Physiology and Pharmacology*, **2015**, 93, 495-503	2.4	5
37	Mitigation of postischemic cardiac contractile dysfunction by CaMKII inhibition: effects on programmed necrotic and apoptotic cell death. *Molecular and Cellular Biochemistry*, **2014**, 388, 269-76	4.2	35
36	Delayed cardioprotective effects of WY-14643 are associated with inhibition of MMP-2 and modulation of Bcl-2 family proteins through PPAR- activation in rat hearts subjected to global ischaemia-reperfusion. *Canadian Journal of Physiology and Pharmacology*, **2013**, 91, 608-16	2.4	17

35	Impact of age and sex on response to ischemic preconditioning in the rat heart: differential role of the PI3K-AKT pathway. *Canadian Journal of Physiology and Pharmacology*, **2013**, 91, 640-7	2.4	14
34	The Role of CaM Kinase II in Cardiac Function in Health and Disease **2013**, 447-461		
33	PPAR-alpha activation as a preconditioning-like intervention in rats in vivo confers myocardial protection against acute ischaemia-reperfusion injury: involvement of PI3K-Akt. *Canadian Journal of Physiology and Pharmacology*, **2012**, 90, 1135-44	2.4	40
32	Upregulation of CaMKII during ischaemia-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, 1127-34	2.4	11
31	Prolonged oxytocin treatment in rats affects intracellular signaling and induces myocardial protection against infarction. *General Physiology and Biophysics*, **2012**, 31, 261-70	2.1	23
30	The role of PPAR in myocardial response to ischemia in normal and diseased heart. *General Physiology and Biophysics*, **2011**, 30, 329-41	2.1	19
29	PPARs and Myocardial Response to Ischemia in Normal and Diseased Heart **2011**, 135-148		1
28	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, 631-43	4	8
27	Hemidesmus indicus and Hibiscus rosa-sinensis Affect Ischemia Reperfusion Injury in Isolated Rat Hearts. *Evidence-based Complementary and Alternative Medicine*, **2011**, 2011,	2.3	15
26	Acute treatment with polyphenol quercetin improves postischemic recovery of isolated perfused rat hearts after global ischemia. *Canadian Journal of Physiology and Pharmacology*, **2010**, 88, 465-71	2.4	32
25	Changes in PPAR gene expression and myocardial tolerance to ischaemia: relevance to pleiotropic effects of statins. *Canadian Journal of Physiology and Pharmacology*, **2009**, 87, 1028-36	2.4	25
24	Mitochondrial KATP opening confers protection against lethal myocardial injury and ischaemia-induced arrhythmias in the rat heart via PI3K/Akt-dependent and -independent mechanisms. *Canadian Journal of Physiology and Pharmacology*, **2009**, 87, 1055-62	2.4	20
23	Oxytocin exerts protective effects on in vitro myocardial injury induced by ischemia and reperfusion. *Canadian Journal of Physiology and Pharmacology*, **2009**, 87, 137-42	2.4	63
22	Calcium signaling-mediated endogenous protection of cell energetics in the acutely diabetic myocardium. *Canadian Journal of Physiology and Pharmacology*, **2009**, 87, 1083-94	2.4	13
21	The effect of chronic nitric oxide synthases inhibition on regulatory proteins in rat hearts. *Molecular and Cellular Biochemistry*, **2008**, 312, 113-20	4.2	8
20	The myocardial infarct size-limiting and antiarrhythmic effects of acyl-CoA:cholesterol acyltransferase inhibitor VULM 1457 protect the hearts of diabetic-hypercholesterolaemic rats against ischaemia/reperfusion injury both in vitro and in vivo. *European Journal of Pharmacology*, **2007**, 576, 114-21	5.3	4
19	Differential role of PI3K/Akt pathway in the infarct size limitation and antiarrhythmic protection in the rat heart. *Molecular and Cellular Biochemistry*, **2007**, 297, 111-20	4.2	62
18	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, 223-9	4.2	31

17	Mitogen-activated protein kinases: a new therapeutic target in cardiac pathology. *Molecular and Cellular Biochemistry*, **2003**, 247, 127-38	4.2	142
16	Ischemic tolerance of rat hearts in acute and chronic phases of experimental diabetes. *Molecular and Cellular Biochemistry*, **2003**, 249, 167-74	4.2	49
15	Mitogen-activated protein kinases in the acute diabetic myocardium. *Molecular and Cellular Biochemistry*, **2003**, 249, 59-65	4.2	23
14	Mitogen-activated protein kinases in the acute diabetic myocardium **2003**, 59-65		
13	Augmented Energy Transfer in Rat Heart Mitochondria: Compensatory Response to Abnormal Household of Energy in Acute Diabetes. *Progress in Experimental Cardiology*, **2003**, 439-453		5
12	Ischemic tolerance of rat hearts in acute and chronic phases of experimental diabetes **2003**, 167-174		6
11	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		1
10	Mitogen-activated protein kinases in the acute diabetic myocardium. *Molecular and Cellular Biochemistry*, **2003**, 249, 59-65	4.2	10
9	Regulation of mitochondrial contact sites in neonatal, juvenile and diabetic hearts. *Molecular and Cellular Biochemistry*, **2002**, 236, 37-44	4.2	8
8	Ventricular arrhythmias following coronary artery occlusion in rats: is the diabetic heart less or more sensitive to ischaemia?. *Basic Research in Cardiology*, **2001**, 96, 160-8	11.8	40
7	Acute diabetes modulates response to ischemia in isolated rat heart. *Molecular and Cellular Biochemistry*, **2000**, 210, 143-51	4.2	51
6	5-HD abolishes ischemic preconditioning independently of monophasic action potential duration in the heart. *Basic Research in Cardiology*, **2000**, 95, 228-34	11.8	21
5	Free oxygen radicals contribute to high incidence of reperfusion-induced arrhythmias in isolated rat heart. *Life Sciences*, **1999**, 65, 1927-30	6.8	23
4	Mechanism of hypoxic preconditionin in guinea pig papillary muscles. *Molecular and Cellular Biochemistry*, **1998**, 186, 53-60	4.2	8
3	Mechanisms that may be involved in calcium tolerance of the diabetic heart. *Molecular and Cellular Biochemistry*, **1997**, 176, 191-198	4.2	30
2	Delayed cardioprotection is associated with the sub-cellular relocalisation of ventricular protein kinase C epsilon, but not p42/44MAPK. *Molecular and Cellular Biochemistry*, **1996**, 160-161, 225-30	4.2	19
1	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, 1937-51	5.8	42