

Esma Nur Okatan

List of Publications by Year in descending order

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17
papers

342
citations

758635

12
h-index

996533

15
g-index

17
all docs

17
docs citations

17
times ranked

561
citing authors

#	ARTICLE	IF	CITATIONS
1	Intracellular free zinc during cardiac excitationâ€“contraction cycle: calcium and redox dependencies. <i>Cardiovascular Research</i> , 2011, 89, 634-642.	1.8	54
2	ÅŸ-Blocker Timolol Prevents Arrhythmogenic Ca ²⁺ Release and Normalizes Ca ²⁺ and Zn ²⁺ Dyshomeostasis in Hyperglycemic Rat Heart. <i>PLoS ONE</i> , 2013, 8, e71014.	1.1	44
3	Cardioprotective effect of selenium via modulation of cardiac ryanodine receptor calcium release channels in diabetic rat cardiomyocytes through thioredoxin system. <i>Journal of Nutritional Biochemistry</i> , 2013, 24, 2110-2118.	1.9	34
4	Enhancement of Cellular Antioxidant-Defence Preserves Diastolic Dysfunction via Regulation of Both Diastolic Zn ²⁺ and Ca ²⁺ and Prevention of RyR2-Leak in Hyperglycemic Cardiomyocytes. <i>Oxidative Medicine and Cellular Longevity</i> , 2014, 2014, 1-15.	1.9	30
5	Electrophysiological basis of metabolic-syndrome-induced cardiac dysfunction. <i>Canadian Journal of Physiology and Pharmacology</i> , 2016, 94, 1064-1073.	0.7	30
6	Doxycycline Ameliorates Vascular Endothelial and Contractile Dysfunction in the Thoracic Aorta of Diabetic Rats. <i>Cardiovascular Toxicology</i> , 2011, 11, 134-147.	1.1	27
7	Profiling of cardiac Î²-adrenoceptor subtypes in the cardiac left ventricle of rats with metabolic syndrome: Comparison with streptozotocin-induced diabetic rats. <i>Canadian Journal of Physiology and Pharmacology</i> , 2015, 93, 517-525.	0.7	21
8	Interplay Between Cytosolic Free Zn ²⁺ and Mitochondrion Morphological Changes in Rat Ventricular Cardiomyocytes. <i>Biological Trace Element Research</i> , 2016, 174, 177-188.	1.9	20
9	Omega-3E treatment regulates matrix metalloproteinases and prevents vascular reactivity alterations in diabetic rat aorta This article is one of a selection of papers published in a special issue on Advances in Cardiovascular Research.. <i>Canadian Journal of Physiology and Pharmacology</i> , 2009, 87, 1063-1073.	0.7	16
10	Selenium restores defective beta-adrenergic receptor response of thoracic aorta in diabetic rats. <i>Molecular and Cellular Biochemistry</i> , 2010, 338, 191-201.	1.4	16
11	Cardioprotective effect of propranolol on diabetes-induced altered intracellular Ca ²⁺ signaling in rat. <i>Journal of Bioenergetics and Biomembranes</i> , 2011, 43, 747-756.	1.0	16
12	Improvement of Functional Recovery of Donor Heart Following Cold Static Storage with Doxycycline Cardioplegia. <i>Cardiovascular Toxicology</i> , 2014, 14, 64-73.	1.1	13
13	Age-related regulation of excitationâ€“contraction coupling in rat heart. <i>Journal of Physiology and Biochemistry</i> , 2011, 67, 317-330.	1.3	9
14	Azoramide improves mitochondrial dysfunction in palmitate-induced insulin resistant H9c2 cells. <i>Molecular and Cellular Biochemistry</i> , 2019, 461, 65-72.	1.4	9
15	The contribution of phosphodiesterases to cardiac dysfunction in rats with metabolic syndrome induced by a high-carbohydrate diet. <i>Canadian Journal of Physiology and Pharmacology</i> , 2019, 97, 1064-1072.	0.7	3
16	PP-108 EFFECTS OF MATRIX METALLOPROTEINASE INHIBITOR DOXYCYCLINE IN COLD STORED DONOR HEARTS: AN EXPERIMENTAL MODEL. <i>International Journal of Cardiology</i> , 2013, 163, S124-S125.	0.8	0
17	Altered Intracellular Calcium Ion Regulation Plays Important Role in High Carbohydrate Intake Induced Myocardial Remodeling. <i>Biophysical Journal</i> , 2014, 106, 729a.	0.2	0