

Fuzhong Qin

List of Publications by Year in descending order

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Version: 2024-02-01

32
papers

1,749
citations

236833

25
h-index

434063

31
g-index

32
all docs

32
docs citations

32
times ranked

2834
citing authors

#	ARTICLE	IF	CITATIONS
1	Inhibition of NADPH oxidase reduces myocardial oxidative stress and apoptosis and improves cardiac function in heart failure after myocardial infarction. <i>Free Radical Biology and Medicine</i> , 2007, 43, 271-281.	1.3	118
2	The Polyphenols Resveratrol and S17834 Prevent the Structural and Functional Sequelae of Diet-Induced Metabolic Heart Disease in Mice. <i>Circulation</i> , 2012, 125, 1757-1764.	1.6	103
3	NADPH oxidase is involved in angiotensin II-induced apoptosis in H9C2 cardiac muscle cells: Effects of apocynin. <i>Free Radical Biology and Medicine</i> , 2006, 40, 236-246.	1.3	91
4	Hydrogen Peroxide-Mediated SERCA Cysteine 674 Oxidation Contributes to Impaired Cardiac Myocyte Relaxation in Senescent Mouse Heart. <i>Journal of the American Heart Association</i> , 2013, 2, e000184.	1.6	91
5	Antioxidant vitamins attenuate oxidative stress and cardiac dysfunction in tachycardia-induced cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2001, 38, 1734-1740.	1.2	88
6	Antioxidants attenuate myocyte apoptosis and improve cardiac function in CHF: association with changes in MAPK pathways. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2003, 285, H822-H832.	1.5	86
7	Mitochondrial Reactive Oxygen Species Mediate Cardiac Structural, Functional, and Mitochondrial Consequences of Diet-Induced Metabolic Heart Disease. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	85
8	Short Communication: Oxidative Posttranslational Modifications Mediate Decreased SERCA Activity and Myocyte Dysfunction in $\text{C}1\pm\text{q}$ -Overexpressing Mice. <i>Circulation Research</i> , 2010, 107, 228-232.	2.0	83
9	Adiponectin Deficiency, Diastolic Dysfunction, and Diastolic Heart Failure. <i>Endocrinology</i> , 2010, 151, 322-331.	1.4	80
10	Alterations by Norepinephrine of Cardiac Sympathetic Nerve Terminal Function and Myocardial β_2 -Adrenergic Receptor Sensitivity in the Ferret. <i>Circulation</i> , 2000, 102, 96-103.	1.6	73
11	Decreased ATP production and myocardial contractile reserve in metabolic heart disease. <i>Journal of Molecular and Cellular Cardiology</i> , 2018, 116, 106-114.	0.9	70
12	Loss of cardiac sympathetic neurotransmitters in heart failure and NE infusion is associated with reduced NGF. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2002, 282, H363-H371.	1.5	69
13	Cardiac-Specific Overexpression of Catalase Identifies Hydrogen Peroxide-Dependent and -Independent Phases of Myocardial Remodeling and Prevents the Progression to Overt Heart Failure in $\text{C}1\pm\text{q}$ -Overexpressing Transgenic Mice. <i>Circulation: Heart Failure</i> , 2010, 3, 306-313.	1.6	66
14	Importance of antioxidant and antiapoptotic effects of β_2 -receptor blockers in heart failure therapy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 287, H1003-H1012.	1.5	64
15	Mitochondrial Transporter ATP Binding Cassette Mitochondrial Erythroid Is a Novel Gene Required for Cardiac Recovery After Ischemia/Reperfusion. <i>Circulation</i> , 2011, 124, 806-813.	1.6	61
16	Both selenium deficiency and modest selenium supplementation lead to myocardial fibrosis in mice via effects on redox-methylation balance. <i>Molecular Nutrition and Food Research</i> , 2012, 56, 1812-1824.	1.5	59
17	Mitochondrial remodeling in mice with cardiomyocyte-specific lipid overload. <i>Journal of Molecular and Cellular Cardiology</i> , 2015, 79, 275-283.	0.9	52
18	Vitamins C and E attenuate apoptosis, β_2 -adrenergic receptor desensitization, and sarcoplasmic reticular Ca^{2+} ATPase downregulation after myocardial infarction. <i>Free Radical Biology and Medicine</i> , 2006, 40, 1827-1842.	1.3	51

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19	Cytosolic H ₂ O ₂ mediates hypertrophy, apoptosis, and decreased SERCA activity in mice with chronic hemodynamic overload. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2014, 306, H1453-H1463.	1.5	51
20	Enhanced exercise capacity in mice with severe heart failure treated with an allosteric effector of hemoglobin, <i>myo</i> -inositol trispyrophosphate. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 1926-1929.	3.3	47
21	Progressive left ventricular remodeling, myocyte apoptosis, and protein signaling cascades after myocardial infarction in rabbits. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2005, 1740, 499-513.	1.8	40
22	Effects of Sodium-Dependent Glucose Linked Transporter 2 Inhibition With Ertugliflozin on Mitochondrial Function, Energetics, and Metabolic Gene Expression in the Presence and Absence of Diabetes Mellitus in Mice. <i>Journal of the American Heart Association</i> , 2021, 10, e019995.	1.6	39
23	Norepinephrine induces endoplasmic reticulum stress and downregulation of norepinephrine transporter density in PC12 cells via oxidative stress. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2005, 288, H2381-H2389.	1.5	37
24	Selegiline attenuates cardiac oxidative stress and apoptosis in heart failure: association with improvement of cardiac function. <i>European Journal of Pharmacology</i> , 2003, 461, 149-158.	1.7	36
25	Extracellular norepinephrine reduces neuronal uptake of norepinephrine by oxidative stress in PC12 cells. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2004, 287, H29-H39.	1.5	29
26	Energetic Dysfunction Is Mediated by Mitochondrial Reactive Oxygen Species and Precedes Structural Remodeling in Metabolic Heart Disease. <i>Antioxidants and Redox Signaling</i> , 2019, 31, 539-549.	2.5	20
27	Redox-Resistant SERCA [Sarco(endo)plasmic Reticulum Calcium ATPase] Attenuates Oxidant-Stimulated Mitochondrial Calcium and Apoptosis in Cardiac Myocytes and Pressure Overload-Induced Myocardial Failure in Mice. <i>Circulation</i> , 2020, 142, 2459-2469.	1.6	19
28	Differential Effects of Sacubitril/Valsartan on Diastolic Function in Mice With Obesity-Related Metabolic Heart Disease. <i>JACC Basic To Translational Science</i> , 2020, 5, 916-927.	1.9	17
29	Myocardial Redox Hormesis Protects the Heart of Female Mice in Sepsis. <i>Shock</i> , 2019, 52, 52-60.	1.0	11
30	Short-term caloric restriction in db/db mice improves myocardial function and increases high molecular weight (HMW) adiponectin. <i>IJC Metabolic & Endocrine</i> , 2016, 13, 28-34.	0.5	8
31	Partial Liver Kinase B1 (LKB1) Deficiency Promotes Diastolic Dysfunction, De Novo Systolic Dysfunction, Apoptosis, and Mitochondrial Dysfunction With Dietary Metabolic Challenge. <i>Journal of the American Heart Association</i> , 2016, 5, .	1.6	5
32	Regulation of SERCA Via Oxidative Modifications: Implications for the Pathophysiology of Diastolic Dysfunction in the Aging Heart. , 2014, , 449-456.		0