Tianqing Peng

List of Publications by Year in descending order

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45 papers	2,754 citations	159525 30 h-index	254106 43 g-index
45 all docs	45 docs citations	45 times ranked	3950 citing authors

#	Article	IF	Citations
1	Therapeutic inhibition of mitochondrial reactive oxygen species with mito-TEMPO reduces diabetic cardiomyopathy. Free Radical Biology and Medicine, 2016, 90, 12-23.	1.3	204
2	MicroRNA-195 promotes palmitate-induced apoptosis in cardiomyocytes by down-regulating Sirt1. Cardiovascular Research, 2011, 92, 75-84.	1.8	166
3	Rac1 Is Required for Cardiomyocyte Apoptosis During Hyperglycemia. Diabetes, 2009, 58, 2386-2395.	0.3	162
4	Deficiency of Rac1 Blocks NADPH Oxidase Activation, Inhibits Endoplasmic Reticulum Stress, and Reduces Myocardial Remodeling in a Mouse Model of Type 1 Diabetes. Diabetes, 2010, 59, 2033-2042.	0.3	148
5	Pivotal Role of gp91 phox -Containing NADH Oxidase in Lipopolysaccharide-Induced Tumor Necrosis Factor-Î± Expression and Myocardial Depression. Circulation, 2005, 111, 1637-1644.	1.6	122
6	Silencing of miR-195 reduces diabetic cardiomyopathy in C57BL/6 mice. Diabetologia, 2015, 58, 1949-1958.	2.9	119
7	Mitochondrial Calpain-1 Disrupts ATP Synthase and Induces Superoxide Generation in Type 1 Diabetic Hearts: A Novel Mechanism Contributing to Diabetic Cardiomyopathy. Diabetes, 2016, 65, 255-268.	0.3	112
8	Rac1 signalling mediates doxorubicin-induced cardiotoxicity through both reactive oxygen species-dependent and -independent pathways. Cardiovascular Research, 2013, 97, 77-87.	1.8	109
9	Targeted Inhibition of Calpain Reduces Myocardial Hypertrophy and Fibrosis in Mouse Models of Type 1 Diabetes. Diabetes, 2011, 60, 2985-2994.	0.3	104
10	Administration of nicotinamide riboside prevents oxidative stress and organ injury in sepsis. Free Radical Biology and Medicine, 2018, 123, 125-137.	1.3	93
11	Mitochondrial ROS-induced lysosomal dysfunction impairs autophagic flux and contributes to M1 macrophage polarization in a diabetic condition. Clinical Science, 2019, 133, 1759-1777.	1.8	91
12	Inhibition of p38 MAPK decreases myocardial TNF-alpha expression and improves myocardial function and survival in endotoxemia. Cardiovascular Research, 2003, 59, 893-900.	1.8	90
13	Histone Deacetylase-3 Activation Promotes Tumor Necrosis Factor-Î± (TNF-Î±) Expression in Cardiomyocytes during Lipopolysaccharide Stimulation. Journal of Biological Chemistry, 2010, 285, 9429-9436.	1.6	89
14	Taurine prevents cardiomyocyte death by inhibiting NADPH oxidase-mediated calpain activation. Free Radical Biology and Medicine, 2009, 46, 51-61.	1.3	79
15	Over-expression of calpastatin inhibits calpain activation and attenuates myocardial dysfunction during endotoxaemia. Cardiovascular Research, 2009, 83, 72-79.	1.8	70
16	Endothelial Nitric-oxide Synthase Enhances Lipopolysaccharide-stimulated Tumor Necrosis Factor-Î± Expression via cAMP-mediated p38 MAPK Pathway in Cardiomyocytes. Journal of Biological Chemistry, 2003, 278, 8099-8105.	1.6	68
17	Inhibition of MicroRNA 195 Prevents Apoptosis and Multiple-Organ Injury in Mouse Models of Sepsis. Journal of Infectious Diseases, 2016, 213, 1661-1670.	1.9	63
18	Prevention of hyperglycemia-induced myocardial apoptosis by gene silencing of Toll-like receptor-4. Journal of Translational Medicine, 2010, 8, 133.	1.8	60

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19	Molecular Determinants of Calpain-dependent Cleavage of Junctophilin-2 Protein in Cardiomyocytes. Journal of Biological Chemistry, 2015, 290, 17946-17955.	1.6	57
20	Increased calpain-1 in mitochondria induces dilated heart failure in mice: role of mitochondrial superoxide anion. Basic Research in Cardiology, 2019, 114, 17.	2.5	56
21	Inhibition of calpain reduces oxidative stress and attenuates endothelial dysfunction in diabetes. Cardiovascular Diabetology, 2014, 13, 88.	2.7	55
22	Calpain-1 induces endoplasmic reticulum stress in promoting cardiomyocyte apoptosis following hypoxia/reoxygenation. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 882-892.	1.8	54
23	Deficiency of Capn4 Gene Inhibits Nuclear Factor-ÎºB (NF-ÎºB) Protein Signaling/Inflammation and Reduces Remodeling after Myocardial Infarction. Journal of Biological Chemistry, 2012, 287, 27480-27489.	1.6	53
24	NADH oxidase signaling induces cyclooxygenaseâ€2 expression during lipopolysaccharide stimulation in cardiomyocytes. FASEB Journal, 2005, 19, 1-25.	0.2	51
25	JNK1/c-fos inhibits cardiomyocyte TNF-Â expression via a negative crosstalk with ERK and p38 MAPK in endotoxaemia. Cardiovascular Research, 2008, 81, 733-741.	1.8	50
26	Localization of Enteroviral Antigen in Myocardium and Other Tissues from Patients with Heart Muscle Disease by an Improved Immunohistochemical Technique. Journal of Histochemistry and Cytochemistry, 2000, 48, 579-584.	1.3	44
27	Disruption of calpain reduces lipotoxicity-induced cardiac injury by preventing endoplasmic reticulum stress. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2016, 1862, 2023-2033.	1.8	40
28	S-Sulfhydration of SIRT3 by Hydrogen Sulfide Attenuates Mitochondrial Dysfunction in Cisplatin-Induced Acute Kidney Injury. Antioxidants and Redox Signaling, 2019, 31, 1302-1319.	2.5	40
29	Heat stress prevents lipopolysaccharide-induced apoptosis in pulmonary microvascular endothelial cells by blocking calpain/p38 MAPK signalling. Apoptosis: an International Journal on Programmed Cell Death, 2016, 21, 896-904.	2.2	39
30	Over-expression of calpastatin aggravates cardiotoxicity induced by doxorubicin. Cardiovascular Research, 2013, 98, 381-390.	1.8	33
31	Selective deletion of endothelial cell calpain in mice reduces diabetic cardiomyopathy by improving angiogenesis. Diabetologia, 2019, 62, 860-872.	2.9	30
32	Nicotinamide riboside promotes autolysosome clearance in preventing doxorubicin-induced cardiotoxicity. Clinical Science, 2019, 133, 1505-1521.	1.8	28
33	Deletion of capn4 Protects the Heart Against Endotoxemic Injury by Preventing ATP Synthase Disruption and Inhibiting Mitochondrial Superoxide Generation. Circulation: Heart Failure, 2015, 8, 988-996.	1.6	27
34	Coxsackievirus B3-induced calpain activation facilitates the progeny virus replication via a likely mechanism related with both autophagy enhancement and apoptosis inhibition in the early phase of infection: An in vitro study in H9c2 cells. Virus Research, 2014, 179, 177-186.	1.1	26
35	Calpainâ€2 protects against heat stressâ€induced cardiomyocyte apoptosis and heart dysfunction by blocking p38 mitogenâ€activated protein kinase activation. Journal of Cellular Physiology, 2019, 234, 10761-10770.	2.0	22
36	Calpain-Mediated Mitochondrial Damage: An Emerging Mechanism Contributing to Cardiac Disease. Cells, 2021, 10, 2024.	1.8	18

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37	Calpain-2 promotes MKP-1 expression protecting cardiomyocytes in both in vitro and in vivo mouse models of doxorubicin-induced cardiotoxicity. Archives of Toxicology, 2019, 93, 1051-1065.	1.9	16
38	Calpain activation mediates microgravity-induced myocardial abnormalities in mice via p38 and ERK1/2 MAPK pathways. Journal of Biological Chemistry, 2020, 295, 16840-16851.	1.6	16
39	Protective role of endothelial calpain knockout in lipopolysaccharide-induced acute kidney injury via attenuation of the p38-iNOS pathway and NO/ROS production. Experimental and Molecular Medicine, 2020, 52, 702-712.	3.2	16
40	Administration of losartan preserves cardiomyocyte size and prevents myocardial dysfunction in tail-suspended mice by inhibiting p47phox phosphorylation, NADPH oxidase activation and MuRF1 expression. Journal of Translational Medicine, 2019, 17, 279.	1.8	13
41	Calpain-2 specifically cleaves Junctophilin-2 at the same site as Calpain-1 but with less efficacy. Biochemical Journal, 2021, 478, 3539-3553.	1.7	11
42	Gamma-Aminobutyrate Transaminase Protects against Lipid Overload-Triggered Cardiac Injury in Mice. International Journal of Molecular Sciences, 2022, 23, 2182.	1.8	5
43	Pharmacological inhibition of Rac1 attenuates myocardial abnormalities in tail-suspended mice. Journal of Cardiovascular Translational Research, 2022, 15, 805-815.	1.1	4
44	Activation of GSKâ€3Î² inhibited TNFâ€α expression in cardiomyocytes during LPS stimulation. FASEB Journal, 2007, 21, A1281.	0.2	1
45	Inhibition of phospholipase C decreased cardiac COXâ€2 expression and attenuated myocardial dysfunction during endotoxemia. FASEB Journal, 2007, 21, A1281.	0.2	0