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List of Publications by Year in descending order

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Version: 2024-02-01

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	Pharmacological inhibition of Rac1 attenuates myocardial abnormalities in tail-suspended mice. Journal of Cardiovascular Translational Research, 2022, 15, 805-815.	1.1	4
2	Gamma-Aminobutyrate Transaminase Protects against Lipid Overload-Triggered Cardiac Injury in Mice. International Journal of Molecular Sciences, 2022, 23, 2182.	1.8	5
3	Calpain-Mediated Mitochondrial Damage: An Emerging Mechanism Contributing to Cardiac Disease. Cells, 2021, 10, 2024.	1.8	18
4	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
5	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
6	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
7	Nicotinamide riboside promotes autolysosome clearance in preventing doxorubicin-induced cardiotoxicity. Clinical Science, 2019, 133, 1505-1521.	1.8	28
8	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
9	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
10	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
11	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
12	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
13	Selective deletion of endothelial cell calpain in mice reduces diabetic cardiomyopathy by improving angiogenesis. Diabetologia, 2019, 62, 860-872.	2.9	30
14	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
15	Administration of nicotinamide riboside prevents oxidative stress and organ injury in sepsis. Free Radical Biology and Medicine, 2018, 123, 125-137.	1.3	93
16	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
17	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
18	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

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19	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
20	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
21	Silencing of miR-195 reduces diabetic cardiomyopathy in C57BL/6 mice. Diabetologia, 2015, 58, 1949-1958.	2.9	119
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	Molecular Determinants of Calpain-dependent Cleavage of Junctophilin-2 Protein in Cardiomyocytes. Journal of Biological Chemistry, 2015, 290, 17946-17955.	1.6	57
24	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
25	Inhibition of calpain reduces oxidative stress and attenuates endothelial dysfunction in diabetes. Cardiovascular Diabetology, 2014, 13, 88.	2.7	55
26	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
27	Over-expression of calpastatin aggravates cardiotoxicity induced by doxorubicin. Cardiovascular Research, 2013, 98, 381-390.	1.8	33
28	Rac1 signalling mediates doxorubicin-induced cardiotoxicity through both reactive oxygen species-dependent and -independent pathways. Cardiovascular Research, 2013, 97, 77-87.	1.8	109
29	Deficiency of Capn4 Gene Inhibits Nuclear Factor-Î¹B (NF-Î¹B) Protein Signaling/Inflammation and Reduces Remodeling after Myocardial Infarction. Journal of Biological Chemistry, 2012, 287, 27480-27489.	1.6	53
30	Targeted Inhibition of Calpain Reduces Myocardial Hypertrophy and Fibrosis in Mouse Models of Type 1 Diabetes. Diabetes, 2011, 60, 2985-2994.	0.3	104
31	MicroRNA-195 promotes palmitate-induced apoptosis in cardiomyocytes by down-regulating Sirt1. Cardiovascular Research, 2011, 92, 75-84.	1.8	166
32	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
33	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
34	Prevention of hyperglycemia-induced myocardial apoptosis by gene silencing of Toll-like receptor-4. Journal of Translational Medicine, 2010, 8, 133.	1.8	60
35	Over-expression of calpastatin inhibits calpain activation and attenuates myocardial dysfunction during endotoxaemia. Cardiovascular Research, 2009, 83, 72-79.	1.8	70
36	Rac1 Is Required for Cardiomyocyte Apoptosis During Hyperglycemia. Diabetes, 2009, 58, 2386-2395.	0.3	162

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37	Taurine prevents cardiomyocyte death by inhibiting NADPH oxidase-mediated calpain activation. Free Radical Biology and Medicine, 2009, 46, 51-61.	1.3	79
38	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
39	Activation of GSKâ€3Î² inhibited TNFâ€Î± expression in cardiomyocytes during LPS stimulation. FASEB Journal, 2007, 21, A1281.	0.2	1
40	Inhibition of phospholipase C decreased cardiac COXâ€2 expression and attenuated myocardial dysfunction during endotoxemia. FASEB Journal, 2007, 21, A1281.	0.2	0
41	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
42	NADH oxidase signaling induces cyclooxygenaseâ€2 expression during lipopolysaccharide stimulation in cardiomyocytes. FASEB Journal, 2005, 19, 1-25.	0.2	51
43	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
44	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
45	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