Yin Cai

List of Publications by Year
in descending order

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55	1,709	471371 17	360920 35
papers	citations	h-index	g-index

55	55	55	3218
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	MicroRNA-503 Exacerbates Myocardial Ischemia/Reperfusion Injury via Inhibiting PI3K/Akt- and STAT3-Dependent Prosurvival Signaling Pathways. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-17.	1.9	3
2	CXCR4/CX43 Regulate Diabetic Neuropathic Pain via Intercellular Interactions between Activated Neurons and Dysfunctional Astrocytes during Late Phase of Diabetes in Rats and the Effects of Antioxidant N-Acetyl-L-Cysteine. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-15.	1.9	4
3	Caloric restriction-mimetics for the reduction of heart failure risk in aging heart: with consideration of gender-related differences. Military Medical Research, 2022, 9, .	1.9	3
4	Deficiency of telomere-associated repressor activator protein 1 precipitates cardiac aging in mice via p53/PPARÎ± signaling. Theranostics, 2021, 11, 4710-4727.	4.6	18
5	Allopurinol ameliorates liver injury in type 1 diabetic rats through activating Nrf2. International Journal of Immunopathology and Pharmacology, 2021, 35, 205873842110314.	1.0	12
6	Impact of peroxisome proliferator-activated receptor-Î± on diabetic cardiomyopathy. Cardiovascular Diabetology, 2021, 20, 2.	2.7	58
7	MicroRNA-17-3p suppresses NF-ÎºB-mediated endothelial inflammation by targeting NIK and IKKÎ² binding protein. Acta Pharmacologica Sinica, 2021, 42, 2046-2057.	2.8	7
8	The Causes and Consequences of miR-503 Dysregulation and Its Impact on Cardiovascular Disease and Cancer. Frontiers in Pharmacology, 2021, 12, 629611.	1.6	11
9	Inflammasome Activation-Induced Hypercoagulopathy: Impact on Cardiovascular Dysfunction Triggered in COVID-19 Patients. Cells, 2021, 10, 916.	1.8	23
10	Dynamic Patterns of N6-Methyladenosine Profiles of Messenger RNA Correlated with the Cardiomyocyte Regenerability during the Early Heart Development in Mice. Oxidative Medicine and Cellular Longevity, 2021, 2021, 1-15.	1.9	10
11	Propofol postconditioning ameliorates hypoxia/reoxygenation induced H9c2 cell apoptosis and autophagy via upregulating forkhead transcription factors under hyperglycemia. Military Medical Research, 2021, 8, 58.	1.9	8
12	MiR-181c-5p Promotes Inflammatory Response during Hypoxia/Reoxygenation Injury by Downregulating Protein Tyrosine Phosphatase Nonreceptor Type 4 in H9C2 Cardiomyocytes. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-13.	1.9	9
13	Upâ€regulation of FoxO1 contributes to adverse vascular remodelling in type 1 diabetic rats. Journal of Cellular and Molecular Medicine, 2020, 24, 13727-13738.	1.6	9
14	Understanding Diabetic Neuropathy: Focus on Oxidative Stress. Oxidative Medicine and Cellular Longevity, 2020, 2020, 1-13.	1.9	50
15	Cystic fibrosis transmembrane conductance regulatorâ€dependent bicarbonate entry controls rat cardiomyocyte ATP release via pannexin1 through mitochondrial signalling and caspase activation. Acta Physiologica, 2020, 230, e13495.	1.8	10
16	Review of the Clinical Characteristics of Coronavirus Disease 2019 (COVID-19). Journal of General Internal Medicine, 2020, 35, 1545-1549.	1.3	963
17	Activation of autophagy inhibits nucleotideâ€binding oligomerization domainâ€like receptor proteinÂ3 inflammasome activation and attenuates myocardial ischemiaâ€reperfusion injury in diabetic rats. Journal of Diabetes Investigation, 2020, 11, 1126-1136.	1.1	31
18	Deletion of Rap1 protects against myocardial ischemia/reperfusion injury through suppressing cell apoptosis via activation of STAT3 signaling. FASEB Journal, 2020, 34, 4482-4496.	0.2	20

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19	FOXO1 contributes to diabetic cardiomyopathy via inducing imbalanced oxidative metabolism in type 1 diabetes. Journal of Cellular and Molecular Medicine, 2020, 24, 7850-7861.	1.6	42
20	Risk factors influencing the prognosis of elderly patients infected with COVID-19: a clinical retrospective study in Wuhan, China. Aging, 2020, 12, 12504-12516.	1.4	35
21	Interplay of microRNAâ€503 and Nâ€acetylcysteine in regulating hypoxiaâ€reoxygenation injury in cardiomyocyte H9C2 cells. FASEB Journal, 2020, 34, 1-1.	0.2	0
22	Role of Thioredoxinâ€interacting Protein in Diabetic Myocardial Ischemiaâ€Reperfusion Injury. FASEB Journal, 2020, 34, 1-1.	0.2	0
23	Repressor Activator Protein 1 Worsens Cardiomyopathy in Dietâ€induced Type 2 Diabetic Mice. FASEB Journal, 2020, 34, 1-1.	0.2	0
24	Repeated remote ischemic preconditioning enhances postâ€ischemic myocardial STAT5A and STAT3 but not STAT5B to confer cardioprotection in diabetic rats. FASEB Journal, 2020, 34, 1-1.	0.2	0
25	The effect of dexmedetomidine on postoperative and intensive care unit delirium: A metaâ€analysis of randomized controlled trials. FASEB Journal, 2020, 34, 1-1.	0.2	0
26	Rap1 exacerbates myocardial ischemia/reperfusion injury through activation of NFÎºB signaling pathway and NLRP3 inflammasome. FASEB Journal, 2020, 34, 1-1.	0.2	0
27	Simulated remote ischemic preconditioning inhibits Smad2 and enhances postâ€hypoxic autophagy and survival of H9c2 cells. FASEB Journal, 2020, 34, 1-1.	0.2	0
28	Loss of Repressor Activator Protein 1 Precipitates Cardiac Aging in Mice via p53/PPARÎ± Signaling. FASEB Journal, 2020, 34, 1-1.	0.2	0
29	miR-181c-5p Exacerbates Hypoxia/Reoxygenation-Induced Cardiomyocyte Apoptosis via Targeting PTPN4. Oxidative Medicine and Cellular Longevity, 2019, 2019, 1-15.	1.9	44
30	Tribute to Paul M. Vanhoutte, MD, PhD (1940â€“2019). Arteriosclerosis, Thrombosis, and Vascular Biology, 2019, 39, 2445-2447.	1.1	0
31	Overexpression of miRâ€503â€5p exacerbates hypoxia/reoxygenation injury in H9C2 cardiomyocytes. FASEB Journal, 2019, 33, 676.4.	0.2	0
32	Deletion of Telomereâ€Rap1 aggravates cardiac aging by impairing fatty acid oxidation via PPARÎ± signaling. FASEB Journal, 2019, 33, 676.1.	0.2	0
33	Repeated nonâ€invasive limb ischemic preconditioning attenuates myocardial ischemiaâ€reperfusion injury in diabetic rats by upâ€regulating hexokinase II. FASEB Journal, 2019, 33, 514.1.	0.2	0
34	Activation of autophagy protects against myocardial ischemic reperfusion injury by inhibition of NLRP3 inflammasomeâ€mediated pyroptosis and inflammatory responses in diabetic rats. FASEB Journal, 2019, 33, lb398.	0.2	1
35	MicroRNAâ€181câ€5p enhances NFÎºBâ€mediated inflammation via targeting PTPN4 in H9C2 cardiomyocytes during hypoxia/ reoxygenation. FASEB Journal, 2019, 33, 513.7.	0.2	0
36	Deletion of Rap1 disrupts redox balance and impairs endothelium-dependent relaxations. Journal of Molecular and Cellular Cardiology, 2018, 115, 1-9.	0.9	10

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37	AMPK Contributes to Cardioprotective Effects of Pterostilbene Against Myocardial Ischemia-Reperfusion Injury in Diabetic Rats by Suppressing Cardiac Oxidative Stress and Apoptosis. Cellular Physiology and Biochemistry, 2018, 46, 1381-1397.	1.1	47
38	EP4 emerges as a novel regulator of bile acid synthesis and its activation protects against hypercholesterolemia. Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids, 2018, 1863, 1029-1040.	1.2	7
39	EP4 deficiency exacerbates left ventricular concentric remodeling and myocardial fibrosis through activation of ERK1/2 signaling in diet-induced mice. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO2-3-20.	0.0	0
40	Prostaglandin E receptor subtype 4 regulates bile acid synthesis and its activation protects against hypercholesterolemia. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO3-6-11.	0.0	0
41	Unexpected role of the telomere-associated protein Rap1 in protecting against mitochondrial defects and cardiac dysfunction during aging. Proceedings for Annual Meeting of the Japanese Pharmacological Society, 2018, WCP2018, PO3-3-32.	0.0	0
42	Pharmacologic Inhibition of FOXO1 Improves Cardiac Function by Enhancing Glucose Metabolism and Attenuating Apoptosis in Typeâ€1 Diabetic Rats. FASEB Journal, 2018, 32, 838.2.	0.2	0
43	Rap1 exacerbates myocardial ischemia/reperfusion injury through enhancing cell apoptosis and inflammatory response. FASEB Journal, 2018, 32, 698.12.	0.2	0
44	MicroRNAâ€17â€3p inhibits excessive postâ€hypoxic autophagy and attenuates H9C2 cardiomyocytes reoxygenation injury via PTENâ€Aktâ€mTOR signaling. FASEB Journal, 2018, 32, lb595.	0.2	1
45	MicroRNAâ€181câ€5p exacerbates apoptotic cell death in H9C2 cardiomyocytes during hypoxia/reoxygenation. FASEB Journal, 2018, 32, 698.10.	0.2	0
46	Prostaglandin E receptor subtype 4 regulates lipid droplet size and mitochondrial activity in murine subcutaneous white adipose tissue. FASEB Journal, 2017, 31, 4023-4036.	0.2	14
47	Decoding telomere protein Rap1: Its telomeric and nontelomeric functions and potential implications in diabetic cardiomyopathy. Cell Cycle, 2017, 16, 1765-1773.	1.3	33
48	Cox-2 Inhibition Protects against Hypoxia/Reoxygenation-Induced Cardiomyocyte ApoptosisviaAkt-Dependent Enhancement of iNOS Expression. Oxidative Medicine and Cellular Longevity, 2016, 2016, 1-17.	1.9	32
49	Prostaglandin E Receptor Subtype 4 Signaling in the Heart: Role in Ischemia/Reperfusion Injury and Cardiac Hypertrophy. Journal of Diabetes Research, 2016, 2016, 1-10.	1.0	29
50	Activation of prostaglandin E2-EP4 signaling reduces chemokine production in adipose tissue. Journal of Lipid Research, 2015, 56, 358-368.	2.0	26
51	Rap1 induces cytokine production in pro-inflammatory macrophages through NFÎºB signaling and is highly expressed in human atherosclerotic lesions. Cell Cycle, 2015, 14, 3580-3592.	1.3	66
52	Immunosuppressive mechanisms of human bone marrow derived mesenchymal stromal cells in BALB/c host graft versus host disease murine models. Experimental Hematology and Oncology, 2015, 4, 13.	2.0	14
53	Mice lacking prostaglandin E receptor subtype 4 manifest disrupted lipid metabolism attributable to impaired triglyceride clearance. FASEB Journal, 2015, 29, 4924-4936.	0.2	26
54	Thyroid hormone affects both endothelial and vascular smooth muscle cells in rat arteries. European Journal of Pharmacology, 2015, 747, 18-28.	1.7	33

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55	Thyroid hormone affects both endothelial and vascular smooth muscle cells in rat arteries. FASEB Journal, 2012, 26, 671.2.	0.2	0