

Ming-Xiang Zhang

List of Publications by Year in descending order

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331670

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docs citations

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3471
citing authors

#	ARTICLE	IF	CITATIONS
1	Irisin Stimulates Browning of White Adipocytes Through Mitogen-Activated Protein Kinase p38 MAP Kinase and ERK MAP Kinase Signaling. <i>Diabetes</i> , 2014, 63, 514-525.	0.6	566
2	NLRP3 Gene Silencing Ameliorates Diabetic Cardiomyopathy in a Type 2 Diabetes Rat Model. <i>PLoS ONE</i> , 2014, 9, e104771.	2.5	291
3	Irisin Promotes Human Umbilical Vein Endothelial Cell Proliferation through the ERK Signaling Pathway and Partly Suppresses High Glucose-Induced Apoptosis. <i>PLoS ONE</i> , 2014, 9, e110273.	2.5	99
4	Traditional Chinese medication for cardiovascular disease. <i>Nature Reviews Cardiology</i> , 2015, 12, 115-122.	13.7	93
5	Platelet releasate promotes breast cancer growth and angiogenesis via VEGF-integrin cooperative signalling. <i>British Journal of Cancer</i> , 2017, 117, 695-703.	6.4	87
6	Effect of 27nt Small RNA on Endothelial Nitric-Oxide Synthase Expression. <i>Molecular Biology of the Cell</i> , 2008, 19, 3997-4005.	2.1	82
7	Irisin Induces Angiogenesis in Human Umbilical Vein Endothelial Cells In Vitro and in Zebrafish Embryos In Vivo via Activation of the ERK Signaling Pathway. <i>PLoS ONE</i> , 2015, 10, e0134662.	2.5	68
8	Angiotensin-(1-7) treatment mitigates right ventricular fibrosis as a distinctive feature of diabetic cardiomyopathy. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015, 308, H1007-H1019.	3.2	52
9	MicroRNA-7a/b Protects against Cardiac Myocyte Injury in Ischemia/Reperfusion by Targeting Poly(ADP-Ribose) Polymerase. <i>PLoS ONE</i> , 2014, 9, e90096.	2.5	50
10	Irisin inhibits high glucose-induced endothelial-to-mesenchymal transition and exerts a dose-dependent bidirectional effect on diabetic cardiomyopathy. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 808-822.	3.6	49
11	Quorum sensing inhibitors: a patent review (2014-2018). <i>Expert Opinion on Therapeutic Patents</i> , 2018, 28, 849-865.	5.0	48
12	Aldehyde dehydrogenase 2 inhibits inflammatory response and regulates atherosclerotic plaque. <i>Oncotarget</i> , 2016, 7, 35562-35576.	1.8	43
13	Combination of angiotensin-(1-7) with perindopril is better than single therapy in ameliorating diabetic cardiomyopathy. <i>Scientific Reports</i> , 2015, 5, 8794.	3.3	37
14	Neferine inhibits proliferation and collagen synthesis induced by high glucose in cardiac fibroblasts and reduces cardiac fibrosis in diabetic mice. <i>Oncotarget</i> , 2016, 7, 61703-61715.	1.8	36
15	Loss of PARP-1 attenuates diabetic arteriosclerotic calcification via Stat1/Runx2 axis. <i>Cell Death and Disease</i> , 2020, 11, 22.	6.3	35
16	Long noncoding RNA UCA1 promotes the proliferation of hypoxic human pulmonary artery smooth muscle cells. <i>Pflugers Archiv European Journal of Physiology</i> , 2019, 471, 347-355.	2.8	34
17	MicroRNA-140-5p targeting tumor necrosis factor- α prevents pulmonary arterial hypertension. <i>Journal of Cellular Physiology</i> , 2019, 234, 9535-9550.	4.1	34
18	Prohibitin overexpression improves myocardial function in diabetic cardiomyopathy. <i>Oncotarget</i> , 2016, 7, 66-80.	1.8	28

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19	Inhibition of poly(ADP-ribose) polymerase 1 protects against acute myeloid leukemia by suppressing the myeloproliferative leukemia virus oncogene. <i>Oncotarget</i> , 2015, 6, 27490-27504.	1.8	26
20	Inhibition of myocyte-specific enhancer factor 2A improved diabetic cardiac fibrosis partially by regulating endothelial-to-mesenchymal transition. <i>Oncotarget</i> , 2016, 7, 31053-31066.	1.8	25
21	Clinical Course and Risk Factors of Disease Deterioration in Critically Ill Patients with COVID-19. <i>Human Gene Therapy</i> , 2021, 32, 310-315.	2.7	23
22	Evidence for traditional Chinese medication to treat cardiovascular disease. <i>Nature Reviews Cardiology</i> , 2015, 12, 374-374.	13.7	13
23	Liraglutide alleviates cardiac fibrosis through inhibiting P4h \pm -1 expression in STZ-induced diabetic cardiomyopathy. <i>Acta Biochimica Et Biophysica Sinica</i> , 2019, 51, 293-300.	2.0	12
24	Poly(ADP-ribose)polymerase 1 inhibition protects against age-dependent endothelial dysfunction. <i>Clinical and Experimental Pharmacology and Physiology</i> , 2015, 42, 1266-1274.	1.9	10
25	Experimental study of blood pressure and its impact on spontaneous hypertension in rats with Xin Mai Jia. <i>Biomedicine and Pharmacotherapy</i> , 2019, 112, 108689.	5.6	10
26	Continuous Infusion of Angiotensin IV Protects against Acute Myocardial Infarction via the Inhibition of Inflammation and Autophagy. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-12.	4.0	9
27	ILF3 is responsible for hyperlipidemia-induced arteriosclerotic calcification by mediating BMP2 and STAT1 transcription. <i>Journal of Molecular and Cellular Cardiology</i> , 2021, 161, 39-52.	1.9	8
28	Effect and mechanism of poly (ADP-ribose) polymerase-1 in aldosterone-induced apoptosis. <i>Molecular Medicine Reports</i> , 2015, 12, 1631-1638.	2.4	5
29	Protein deglycase DJ-1 deficiency induces phenotypic switching in vascular smooth muscle cells and exacerbates atherosclerotic plaque instability. <i>Journal of Cellular and Molecular Medicine</i> , 2021, 25, 2816-2827.	3.6	5
30	PARP1 deficiency protects against hyperglycemia-induced neointimal hyperplasia by upregulating TFPI2 activity in diabetic mice. <i>Redox Biology</i> , 2021, 46, 102084.	9.0	5
31	Overexpression of complement component C5a accelerates the development of atherosclerosis in ApoE-knockout mice. <i>Oncotarget</i> , 2016, 7, 56060-56070.	1.8	5
32	Ox-LDL-mediated ILF3 overexpression in gastric cancer progression by activating the PI3K/AKT/mTOR signaling pathway. <i>Aging</i> , 2022, 14, 3887-3909.	3.1	5
33	Associations of pro-protein convertase subtilisin-like kexin type 9, soluble low-density lipoprotein receptor and coronary artery disease: A case-control study. <i>International Journal of Cardiology</i> , 2022, 350, 9-15.	1.7	2
34	Glucagon-Like Peptide 1 Attenuates Lipotoxicity-Induced Islet Dysfunction in ApoE ^{-/-} Mice. <i>Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy</i> , 2020, Volume 13, 2701-2709.	2.4	1
35	Correction: Neferine inhibits proliferation and collagen synthesis induced by high glucose in cardiac fibroblasts and reduces cardiac fibrosis in diabetic mice. <i>Oncotarget</i> , 2022, 13, 810-811.	1.8	0