Fuyang Zhang

List of Publications by Year
in descending order

23 papers	1,013 citations	623734 14 h-index	642732 23 g-index
23 all docs	23 docs citations	23 times ranked	1688 citing authors

#	Article	IF	Citations
1	Irisin Promotes Cardiac Homing of Intravenously Delivered MSCs and Protects against Ischemic Heart Injury. Advanced Science, 2022, 9, e2103697.	11.2	16
2	Small Extracellular Vesicles From Brown Adipose Tissue Mediate Exercise Cardioprotection. Circulation Research, 2022, 130, 1490-1506.	4.5	42
3	Excessive branched-chain amino acid accumulation restricts mesenchymal stem cell-based therapy efficacy in myocardial infarction. Signal Transduction and Targeted Therapy, 2022, 7, .	17.1	13
4	Accelerated FASTK mRNA degradation induced by oxidative stress is responsible for the destroyed myocardial mitochondrial gene expression and respiratory function in alcoholic cardiomyopathy. Redox Biology, 2021, 38, 101778.	9.0	9
5	Genetic ablation of fas-activated serine/threonine kinase ameliorates alcoholic liver disease through modulating HuR-SIRT1 mRNA complex stability. Free Radical Biology and Medicine, 2021, 166, 201-211.	2.9	4
6	FNDC5/Irisin attenuates diabetic cardiomyopathy in a type 2 diabetes mouse model by activation of integrin Î±V/Î²5-AKT signaling and reduction of oxidative/nitrosative stress. Journal of Molecular and Cellular Cardiology, 2021, 160, 27-41.	1.9	41
7	TXNIP/Redd1 signalling and excessive autophagy: a novel mechanism of myocardial ischaemia/reperfusion injury in mice. Cardiovascular Research, 2020, 116, 645-657.	3.8	79
8	Genetic ablation of Fas-activated serine/threonine kinase ameliorates obesity-related hepatic glucose and lipid metabolic disorders via sirtuin-1 signaling. Biochemical and Biophysical Research Communications, 2020, 529, 1066-1072.	2.1	5
9	Branched chain amino acids exacerbate myocardial ischemia/reperfusion vulnerability via enhancing GCN2/ATF6/PPAR-Î± pathway-dependent fatty acid oxidation. Theranostics, 2020, 10, 5623-5640.	10.0	74
10	N-Cadherin Overexpression Mobilizes the Protective Effects of Mesenchymal Stromal Cells Against Ischemic Heart Injury Through a Î²-Cateninâ€“Dependent Manner. Circulation Research, 2020, 126, 857-874.	4.5	62
11	Îº-opioid receptor activation promotes mitochondrial fusion and enhances myocardial resistance to ischemia and reperfusion injury via STAT3-OPA1 pathway. European Journal of Pharmacology, 2020, 874, 172987.	3.5	23
12	Fas-Activated Serine/Threonine Kinase Governs Cardiac Mitochondrial Complex I Functional Integrity in Ischemia/Reperfusion Heart. Frontiers in Cell and Developmental Biology, 2020, 8, 630421.	3.7	1
13	Îº-Opioid receptor stimulation reduces palmitate-induced apoptosis via Akt/eNOS signaling pathway. Lipids in Health and Disease, 2019, 18, 52.	3.0	10
14	Resistin promotes cardiac homing of mesenchymal stem cells and functional recovery after myocardial ischemia-reperfusion via the ERK1/2-MMP-9 pathway. American Journal of Physiology - Heart and Circulatory Physiology, 2019, 316, H233-H244.	3.2	27
15	Adiponectin determines farnesoid X receptor agonism-mediated cardioprotection against post-infarction remodelling and dysfunction. Cardiovascular Research, 2018, 114, 1335-1349.	3.8	31
16	A novel mechanism of diabetic vascular endothelial dysfunction: Hypoadiponectinemia-induced NLRP3 inflammasome activation. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2017, 1863, 1556-1567.	3.8	51
17	Nucleostemin dysregulation contributes to ischemic vulnerability of diabetic hearts: Role of ribosomal biogenesis. Journal of Molecular and Cellular Cardiology, 2017, 108, 106-113.	1.9	4
18	G protein coupled receptor kinase-2 upregulation causes Îº-opioid receptor desensitization in diabetic heart. Biochemical and Biophysical Research Communications, 2017, 482, 658-664.	2.1	12

#	Article	IF	Citations
19	Defective branched chain amino acid catabolism contributes to cardiac dysfunction and remodeling following myocardial infarction. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 311, H1160-H1169.	3.2	131
20	Branched Chain Amino Acids Cause Liver Injury in Obese/Diabetic Mice by Promoting Adipocyte Lipolysis and Inhibiting Hepatic Autophagy. EBioMedicine, 2016, 13, 157-167.	6.1	111
21	Sphingosine 1-phosphate signaling contributes to cardiac inflammation, dysfunction, and remodeling following myocardial infarction. American Journal of Physiology - Heart and Circulatory Physiology, 2016, 310, H250-H261.	3.2	74
22	Irisin improves endothelial function in type 2 diabetes through reducing oxidative/nitrative stresses. Journal of Molecular and Cellular Cardiology, 2015, 87, 138-147.	1.9	164
23	Adiponectin regulates SR Ca2+ cycling following ischemia/reperfusion via sphingosine 1-phosphate-CaMKII signaling in mice. Journal of Molecular and Cellular Cardiology, 2014, 74, 183-192.	1.9	29