

Huiliang Zhang

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

23
papers

650
citations

14
h-index

25
g-index

27
ext. papers

887
ext. citations

7.9
avg, IF

3.59
L-index

#	Paper	IF	Citations
23	Elevated MCU Expression by CaMKIIB Limits Pathological Cardiac Remodeling.. <i>Circulation</i> , 2022 ,	16.7	4
22	Mitochondrial protein interaction landscape of SS-31. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 15363-15373	11.5	36
21	Late-life restoration of mitochondrial function reverses cardiac dysfunction in old mice. <i>ELife</i> , 2020 , 9,	8.9	22
20	Reduction of elevated proton leak rejuvenates mitochondria in the aged cardiomyocyte. <i>ELife</i> , 2020 , 9,	8.9	11
19	Increased Drp1 Acetylation by Lipid Overload Induces Cardiomyocyte Death and Heart Dysfunction. <i>Circulation Research</i> , 2020 , 126, 456-470	15.7	54
18	SS-31 and NMN: Two paths to improve metabolism and function in aged hearts. <i>Aging Cell</i> , 2020 , 19, e13213	9.9	11
17	Heart specific knockout of Ndufs4 ameliorates ischemia reperfusion injury. <i>Journal of Molecular and Cellular Cardiology</i> , 2018 , 123, 38-45	5.8	21
16	A novel fission-independent role of dynamin-related protein 1 in cardiac mitochondrial respiration. <i>Cardiovascular Research</i> , 2017 , 113, 160-170	9.9	52
15	A screen for protective drugs against delayed hypoxic injury. <i>PLoS ONE</i> , 2017 , 12, e0176061	3.7	7
14	CaMKII induces permeability transition through Drp1 phosphorylation during chronic β -AR stimulation. <i>Nature Communications</i> , 2016 , 7, 13189	17.4	105
13	Mitochondrial flashes: From indicator characterization to in vivo imaging. <i>Methods</i> , 2016 , 109, 12-20	4.6	8
12	Melatonin prevents abnormal mitochondrial dynamics resulting from the neurotoxicity of cadmium by blocking calcium-dependent translocation of Drp1 to the mitochondria. <i>Journal of Pineal Research</i> , 2016 , 60, 291-302	10.4	88
11	Real-time imaging of intracellular hydrogen peroxide in pancreatic islets. <i>Biochemical Journal</i> , 2016 , 473, 4443-4456	3.8	8
10	Mitochondrial flash as a novel biomarker of mitochondrial respiration in the heart. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2015 , 309, H1166-77	5.2	30
9	Adrenergic signaling regulates mitochondrial Ca ²⁺ uptake through Pyk2-dependent tyrosine phosphorylation of the mitochondrial Ca ²⁺ uniporter. <i>Antioxidants and Redox Signaling</i> , 2014 , 21, 863-79 ^{8.4}	8.4	55
8	Fission Promotes Respiration and ROS Production in Individual Mitochondria. <i>Biophysical Journal</i> , 2014 , 106, 28a	2.9	2
7	Adrenergic-stimulated L-type channel Ca ²⁺ entry mediates hypoxic Ca ²⁺ overload in intact heart. <i>Journal of Molecular and Cellular Cardiology</i> , 2013 , 65, 51-8	5.8	14

6	ROS regulation of microdomain Ca(2+) signalling at the dyads. <i>Cardiovascular Research</i> , 2013 , 98, 248-589.9	48
5	Rhesus macaques develop metabolic syndrome with reversible vascular dysfunction responsive to pioglitazone. <i>Circulation</i> , 2011 , 124, 77-86	16.7 37
4	Differential mitochondrial calcium responses in different cell types detected with a mitochondrial calcium fluorescent indicator, mito-GCaMP2. <i>Acta Biochimica Et Biophysica Sinica</i> , 2011 , 43, 822-30	2.8 17
3	Catecholaminergic-induced arrhythmias in failing cardiomyocytes associated with human HRCS96A variant overexpression. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , 2011 , 301, H1588-95	5.3 16
2	Late-life restoration of mitochondrial function reverses cardiac dysfunction in old mice	2
1	Reduction of Elevated Proton Leak Rejuvenates Mitochondria in the Aged Cardiomyocyte	2