

Zhi-Bin Yu

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

873
citations

1163117

8
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

1585
citing authors

#	ARTICLE	IF	CITATIONS
1	Mitochondrial electron transport chain, ROS generation and uncoupling (Review). International Journal of Molecular Medicine, 2019, 44, 3-15.	4.0	624
2	Activation of GLP-1 Receptor Promotes Bone Marrow Stromal Cell Osteogenic Differentiation through β -Catenin. Stem Cell Reports, 2016, 6, 579-591.	4.8	93
3	Impaired Translocation of GLUT4 Results in Insulin Resistance of Atrophic Soleus Muscle. BioMed Research International, 2015, 2015, 1-11.	1.9	34
4	Nuclear translocation of calpain α 2 regulates propensity toward apoptosis in cardiomyocytes of tail-suspended rats. Journal of Cellular Biochemistry, 2011, 112, 571-580.	2.6	23
5	ROS-induced Nuclear Translocation of Calpain α 2 Facilitates Cardiomyocyte Apoptosis in Tail-Suspended Rats. Journal of Cellular Biochemistry, 2015, 116, 2258-2269.	2.6	20
6	Identification of differential gene expression profile from peripheral blood cells of military pilots with hypertension by RNA sequencing analysis. BMC Medical Genomics, 2018, 11, 59.	1.5	14
7	Nuclear Translocation of Calpain-2 Mediates Apoptosis of Hypertrophied Cardiomyocytes in Transverse Aortic Constriction Rat. Journal of Cellular Physiology, 2015, 230, 2743-2754.	4.1	12
8	Nitric Oxide Protects L-Type Calcium Channel of Cardiomyocyte during Long-Term Isoproterenol Stimulation in Tail-Suspended Rats. BioMed Research International, 2015, 2015, 1-13.	1.9	11
9	Elevated ROS depress mitochondrial oxygen utilization efficiency in cardiomyocytes during acute hypoxia. Pflugers Archiv European Journal of Physiology, 2020, 472, 1619-1630.	2.8	9
10	Comparison of hypoxic effects induced by chemical and physical hypoxia on cardiomyocytes. Canadian Journal of Physiology and Pharmacology, 2019, 97, 980-988.	1.4	8
11	Fasting promotes acute hypoxic adaptation by suppressing mTOR-mediated pathways. Cell Death and Disease, 2021, 12, 1045.	6.3	7
12	Cacna1f gene decreased contractility of skeletal muscle in rat model with congenital stationary night blindness. Gene, 2015, 562, 210-219.	2.2	6
13	Glycosylated CD147 reduces myocardial collagen cross-linking in cardiac hypertrophy. Journal of Cellular Biochemistry, 2018, 119, 8022-8034.	2.6	4
14	Simulated microgravity increases myocardial susceptibility to ischemia-reperfusion injury via a deficiency of AMP-activated protein kinase. Canadian Journal of Physiology and Pharmacology, 2017, 95, 59-71.	1.4	3
15	Fasting improves tolerance to acute hypoxia in rats. Biochemical and Biophysical Research Communications, 2021, 569, 161-166.	2.1	2
16	Simulated microgravity hampers Notch signaling in the fight against myocardial ischemia-reperfusion injury. Molecular Medicine Reports, 2018, 17, 5150-5158.	2.4	1