Kisuk Min

List of Publications by Citations

25 papers	1,201 citations	17 h-index	27 g-index
27 ext. papers	1,396 ext. citations	3.2 avg, IF	4.15 L-index

#	Paper	IF	Citations
25	Mitochondria-targeted antioxidants protect against mechanical ventilation-induced diaphragm weakness. *Critical Care Medicine*, **2011**, 39, 1749-59	1.4	200
24	Mitochondrial-targeted antioxidants protect skeletal muscle against immobilization-induced muscle atrophy. *Journal of Applied Physiology*, **2011**, 111, 1459-66	3.7	155
23	Immobilization-induced activation of key proteolytic systems in skeletal muscles is prevented by a mitochondria-targeted antioxidant. *Journal of Applied Physiology*, **2013**, 115, 529-38	3.7	95
22	Exercise protects against doxorubicin-induced markers of autophagy signaling in skeletal muscle. *Journal of Applied Physiology*, **2011**, 111, 1190-8	3.7	86
21	Exercise protects against doxorubicin-induced oxidative stress and proteolysis in skeletal muscle. *Journal of Applied Physiology*, **2011**, 110, 935-42	3.7	82
20	Increased mitochondrial emission of reactive oxygen species and calpain activation are required for doxorubicin-induced cardiac and skeletal muscle myopathy. *Journal of Physiology*, **2015**, 593, 2017-36	3.9	75
19	Short-term exercise training protects against doxorubicin-induced cardiac mitochondrial damage independent of HSP72. *American Journal of Physiology - Heart and Circulatory Physiology*, **2010**, 299, H1515-24	5.2	66
18	Exercise protects cardiac mitochondria against ischemia-reperfusion injury. *Medicine and Science in Sports and Exercise*, **2012**, 44, 397-405	1.2	63
17	Calpain and caspase-3 play required roles in immobilization-induced limb muscle atrophy. *Journal of Applied Physiology*, **2013**, 114, 1482-9	3.7	61
16	Crosstalk between autophagy and oxidative stress regulates proteolysis in the diaphragm during mechanical ventilation. *Free Radical Biology and Medicine*, **2018**, 115, 179-190	7.8	61
15	Endurance exercise attenuates ventilator-induced diaphragm dysfunction. *Journal of Applied Physiology*, **2012**, 112, 501-10	3.7	53
14	Doxorubicin-induced markers of myocardial autophagic signaling in sedentary and exercise trained animals. *Journal of Applied Physiology*, **2013**, 115, 176-85	3.7	50
13	Hepatic mitogen-activated protein kinase phosphatase 1 selectively regulates glucose metabolism and energy homeostasis. *Molecular and Cellular Biology*, **2015**, 35, 26-40	4.8	42
12	Skeletal Muscle-Specific Deletion of MKP-1 Reveals a p38 MAPK/JNK/Akt Signaling Node That Regulates Obesity-Induced Insulin Resistance. *Diabetes*, **2018**, 67, 624-635	0.9	37
11	Inhibition of forkhead boxO-specific transcription prevents mechanical ventilation-induced diaphragm dysfunction. *Critical Care Medicine*, **2015**, 43, e133-42	1.4	25
10	Doxorubicin-induced oxidative stress differentially regulates proteolytic signaling in cardiac and skeletal muscle. *American Journal of Physiology - Regulatory Integrative and Comparative Physiology*, **2020**, 318, R227-R233	3.2	24
9	Effects of exercise preconditioning and HSP72 on diaphragm muscle function during mechanical ventilation. *Journal of Cachexia, Sarcopenia and Muscle*, **2019**, 10, 767-781	10.3	19

8	Loss of MKP-5 promotes myofiber survival by activating STAT3/Bcl-2 signaling during regenerative myogenesis. *Skeletal Muscle*, **2017**, 7, 21	5.1	7
7	Effects of Mechanical Ventilation and Autophagy on Diaphragm Oxidative Stress and Proteolysis. *FASEB Journal*, **2015**, 29, 821.7	0.9	
6	Mitochondrial-targeted antioxidants attenuate immobilization-induced skeletal muscle atrophy. *FASEB Journal*, **2010**, 24, lb670	0.9	
5	Endurance exercise protects cardiac tissue from doxorubicin-induced proteolysis and apoptosis. *FASEB Journal*, **2010**, 24, 619.20	0.9	
4	Endurance exercise attenuates mechanical ventilation-induced diaphragm weakness. *FASEB Journal* , **2011**, 25, 1059.20	0.9	
3	Increased mitochondrial ROS production is required for ventilator-induced myonuclear apoptosis in the diaphragm. *FASEB Journal*, **2012**, 26, 1075.11	0.9	
2	Inhibition of calpain or caspase-3 protects against immobilization-induced muscle atrophy. *FASEB Journal*, **2012**, 26, 1075.7	0.9	
1	FoxO transcription contributes to mechanical ventilation-induced diaphragm atrophy and contractile dysfunction. *FASEB Journal*, **2013**, 27, 939.1	0.9	