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Free radical generation by skeletal muscle of adult and old mice: effect of contractile activity

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#	Paper	IF	Citations
175	Genetic modification of the manganese superoxide dismutase/glutathione peroxidase 1 pathway influences intracellular ROS generation in quiescent, but not contracting, skeletal muscle cells. <i>Free Radical Biology and Medicine</i> , 2006 , 41, 1719-25	7.8	35
174	Adaptive responses of mouse skeletal muscle to contractile activity: The effect of age. 2006 , 127, 830-9		134
173	Energy sensing and regulation of gene expression in skeletal muscle. 2007 , 102, 529-40		63
172	Skeletal muscle aging. 2007 , 17, 13-23		2
171	Formation of 3-nitrotyrosines in carbonic anhydrase III is a sensitive marker of oxidative stress in skeletal muscle. 2007 , 1, 362-72		32
170	Real-time measurement of nitric oxide in single mature mouse skeletal muscle fibres during contractions. <i>Journal of Physiology</i> , 2007 , 581, 309-18	3.9	77
169	Release of superoxide from skeletal muscle of adult and old mice: an experimental test of the reductive hotspot hypothesis. <i>Aging Cell</i> , 2007 , 6, 189-95	9.9	29
168	The role of mitochondria in aging of skeletal muscle. <i>Biogerontology</i> , 2008 , 9, 67-84	4.5	76
167	The apoptotic response to strenuous exercise of the gastrocnemius and soleus muscle fibers in rats. 2008 , 102, 515-24		39
166	Redox regulation of skeletal muscle. 2008 , 60, 497-501		41
165	Plantaris muscle of aged rats demonstrates iron accumulation and altered expression of iron regulation proteins. 2008 , 93, 407-14		32
164	Repeated bouts of aerobic exercise lead to reductions in skeletal muscle free radical generation and nuclear factor kappaB activation. <i>Journal of Physiology</i> , 2008 , 586, 3979-90	3.9	73
163	Free radicals and muscle fatigue: Of ROS, canaries, and the IOC. <i>Free Radical Biology and Medicine</i> , 2008 , 44, 169-79	7.8	231
162	Free radicals generated by contracting muscle: by-products of metabolism or key regulators of muscle function?. <i>Free Radical Biology and Medicine</i> , 2008 , 44, 132-41	7.8	112
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158	Antioxidative defence alterations in skeletal muscle during prolonged acclimation to cold: role of L-arginine/NO-producing pathway. 2008 , 211, 114-20		39
157	The exercise-induced stress response in skeletal muscle: failure during aging. 2008 , 33, 1033-41		32
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151	Skeletal muscle aging: role of reactive oxygen species. 2009 , 37, S368-71		29
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