

# David A Hood

## 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.

183  
papers

14,864  
citations

51  
h-index

121  
g-index

206  
ext. papers

16,600  
ext. citations

3.9  
avg, IF

6.57  
L-index

#	Paper	IF	Citations
183	Time-dependent changes in autophagy, mitophagy and lysosomes in skeletal muscle during denervation-induced disuse.. <i>Journal of Physiology</i> , <b>2022</b> ,	3.9	2
182	The importance of TP53/p53 in regulating the mitophagy-lysosomal machinery in muscle following disuse <b>2022</b> , 1, 75-78		
181	p53 regulates skeletal muscle mitophagy and mitochondrial quality control following denervation-induced muscle disuse.. <i>Journal of Biological Chemistry</i> , <b>2021</b> , 101540	5.4	3
180	Manifestations of Age on Autophagy, Mitophagy and Lysosomes in Skeletal Muscle. <i>Cells</i> , <b>2021</b> , 10,	7.9	4
179	Exercise Is Muscle Mitochondrial Medicine. <i>Exercise and Sport Sciences Reviews</i> , <b>2021</b> , 49, 67-76	6.7	5
178	Mitochondrial Bioenergetics and Turnover during Chronic Muscle Disuse. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	7
177	Examining interindividual differences in select muscle and whole-body adaptations to continuous endurance training. <i>Experimental Physiology</i> , <b>2021</b> , 106, 2168-2176	2.4	4
176	Exercise and mitochondrial health. <i>Journal of Physiology</i> , <b>2021</b> , 599, 803-817	3.9	38
175	Human cardiac ischemia-reperfusion injury: Blunted stress response with age. <i>Journal of Cardiac Surgery</i> , <b>2021</b> , 36, 3643-3651	1.3	1
174	Effect of rapamycin on mitochondria and lysosomes in fibroblasts from patients with mtDNA mutations. <i>American Journal of Physiology - Cell Physiology</i> , <b>2021</b> , 321, C176-C186	5.4	2
173	Lysosomal Alterations in Skeletal Muscle Plasticity [An Investigation of Age, Exercise and Disuse. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	
172	Enhanced Mitochondrial Turnover in Aged Human Right Atrial Tissue. <i>FASEB Journal</i> , <b>2020</b> , 34, 1-1	0.9	
171	The intersection of exercise and aging on mitochondrial protein quality control. <i>Experimental Gerontology</i> , <b>2020</b> , 131, 110824	4.5	11
170	Altered Expression of Mitoferrin and Frataxin, Larger Labile Iron Pool and Greater Mitochondrial DNA Damage in the Skeletal Muscle of Older Adults. <i>Cells</i> , <b>2020</b> , 9,	7.9	6
169	Looking beyond PGC-1 $\beta$ emerging regulators of exercise-induced skeletal muscle mitochondrial biogenesis and their activation by dietary compounds. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2020</b> , 45, 11-23	3	24
168	Molecular Basis for the Therapeutic Effects of Exercise on Mitochondrial Defects. <i>Frontiers in Physiology</i> , <b>2020</b> , 11, 615038	4.6	0
167	Exercise is mitochondrial medicine for muscle. <i>Sports Medicine and Health Science</i> , <b>2019</b> , 1, 11-18	4.5	5

166	Mitophagy Regulation in Skeletal Muscle: Effect of Endurance Exercise and Age. <i>Journal of Science in Sport and Exercise</i> , <b>2019</b> , 1, 228-236	1	2
165	Mitochondrial Quality Control Regulation by p53 During Disuse-Induced Atrophy. <i>FASEB Journal</i> , <b>2019</b> , 33, 537.3	0.9	
164	The Effect of Chronic Contractile Activity and Retinoic Acid on Mitochondrial Turnover in C2C12 Myotubes. <i>FASEB Journal</i> , <b>2019</b> , 33, 537.7	0.9	
163	Hindlimb Denervation Alters the Regulation of Autophagy and Mitophagy. <i>FASEB Journal</i> , <b>2019</b> , 33, 700.14	0.9	
162	Maintenance of Skeletal Muscle Mitochondria in Health, Exercise, and Aging. <i>Annual Review of Physiology</i> , <b>2019</b> , 81, 19-41	23.1	134
161	Mitochondrial breakdown in skeletal muscle and the emerging role of the lysosomes. <i>Archives of Biochemistry and Biophysics</i> , <b>2019</b> , 661, 66-73	4.1	21
160	Regulation of autophagic and mitophagic flux during chronic contractile activity-induced muscle adaptations. <i>Pflugers Archiv European Journal of Physiology</i> , <b>2019</b> , 471, 431-440	4.6	14
159	Application of Chronic Stimulation to Study Contractile Activity-induced Rat Skeletal Muscle Phenotypic Adaptations. <i>Journal of Visualized Experiments</i> , <b>2018</b> ,	1.6	1
158	A systematic review of p53 regulation of oxidative stress in skeletal muscle. <i>Redox Report</i> , <b>2018</b> , 23, 100-117	5.17	87
157	Role of Parkin and endurance training on mitochondrial turnover in skeletal muscle. <i>Skeletal Muscle</i> , <b>2018</b> , 8, 10	5.1	46
156	Exercise induces TFEB expression and activity in skeletal muscle in a PGC-1 $\beta$ dependent manner. <i>American Journal of Physiology - Cell Physiology</i> , <b>2018</b> , 314, C62-C72	5.4	51
155	Effect of Tim23 knockdown in vivo on mitochondrial protein import and retrograde signaling to the UPR in muscle. <i>American Journal of Physiology - Cell Physiology</i> , <b>2018</b> , 315, C516-C526	5.4	13
154	Contractile activity attenuates autophagy suppression and reverses mitochondrial defects in skeletal muscle cells. <i>Autophagy</i> , <b>2018</b> , 14, 1886-1897	10.2	27
153	Parkin is required for exercise-induced mitophagy in muscle: impact of aging. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2018</b> , 315, E404-E415	6	39
152	Effect of contractile activity on PGC-1 $\beta$ transcription in young and aged skeletal muscle. <i>Journal of Applied Physiology</i> , <b>2018</b> , 124, 1605-1615	3.7	16
151	The Role of p53 in Determining Mitochondrial Adaptations to Endurance Training in Skeletal Muscle. <i>Scientific Reports</i> , <b>2018</b> , 8, 14710	4.9	14
150	Autophagy and mitophagy flux in young and aged skeletal muscle following chronic contractile activity. <i>Journal of Physiology</i> , <b>2018</b> , 596, 3567-3584	3.9	63
149	The unfolded protein response in relation to mitochondrial biogenesis in skeletal muscle cells. <i>American Journal of Physiology - Cell Physiology</i> , <b>2017</b> , 312, C583-C594	5.4	13

148	Impact of Aging and Exercise on Mitochondrial Quality Control in Skeletal Muscle. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2017</b> , 2017, 3165396	6.7	75
147	Regulation of the autophagy system during chronic contractile activity-induced muscle adaptations. <i>Physiological Reports</i> , <b>2017</b> , 5, e13307	2.6	20
146	Commentaries on Viewpoint: The rigorous study of exercise adaptations: Why mRNA might not be enough. <i>Journal of Applied Physiology</i> , <b>2016</b> , 121, 597-600	3.7	5
145	The role of Nrf2 in skeletal muscle contractile and mitochondrial function. <i>Journal of Applied Physiology</i> , <b>2016</b> , 121, 730-40	3.7	42
144	Chronology of UPR activation in skeletal muscle adaptations to chronic contractile activity. <i>American Journal of Physiology - Cell Physiology</i> , <b>2016</b> , 310, C1024-36	5.4	33
143	Function of specialized regulatory proteins and signaling pathways in exercise-induced muscle mitochondrial biogenesis. <i>Integrative Medicine Research</i> , <b>2016</b> , 5, 187-197	2.7	23
142	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , <b>2016</b> , 12, 1-222	10.2	3838
141	The regulation of autophagy during exercise in skeletal muscle. <i>Journal of Applied Physiology</i> , <b>2016</b> , 120, 664-73	3.7	65
140	Unravelling the mechanisms regulating muscle mitochondrial biogenesis. <i>Biochemical Journal</i> , <b>2016</b> , 473, 2295-314	3.8	103
139	Exercise and the Regulation of Mitochondrial Turnover. <i>Progress in Molecular Biology and Translational Science</i> , <b>2015</b> , 135, 99-127	4	29
138	PGC-1 $\beta$ modulates denervation-induced mitophagy in skeletal muscle. <i>Skeletal Muscle</i> , <b>2015</b> , 5, 9	5.1	109
137	Mitochondria, muscle health, and exercise with advancing age. <i>Physiology</i> , <b>2015</b> , 30, 208-23	9.8	94
136	Effect of denervation on the regulation of mitochondrial transcription factor A expression in skeletal muscle. <i>American Journal of Physiology - Cell Physiology</i> , <b>2015</b> , 309, C228-38	5.4	25
135	Effect of p53 on mitochondrial morphology, import, and assembly in skeletal muscle. <i>American Journal of Physiology - Cell Physiology</i> , <b>2015</b> , 308, C319-29	5.4	25
134	The role of mitochondrial fusion and fission in skeletal muscle function and dysfunction. <i>Frontiers in Bioscience - Landmark</i> , <b>2015</b> , 20, 157-72	2.8	30
133	The regulation of mitochondrial transcription factor A (Tfam) expression during skeletal muscle cell differentiation. <i>Bioscience Reports</i> , <b>2015</b> , 35,	4.1	27
132	Role of PGC-1 $\beta$ during acute exercise-induced autophagy and mitophagy in skeletal muscle. <i>American Journal of Physiology - Cell Physiology</i> , <b>2015</b> , 308, C710-9	5.4	171
131	Parkin and its Role in Skeletal Muscle Function. <i>FASEB Journal</i> , <b>2015</b> , 29, 821.3	0.9	

130	p53 is necessary for the adaptive changes in cellular milieu subsequent to an acute bout of endurance exercise. <i>American Journal of Physiology - Cell Physiology</i> , <b>2014</b> , 306, C241-9	5.4	50
129	Oxidative stress-induced mitochondrial fragmentation and movement in skeletal muscle myoblasts. <i>American Journal of Physiology - Cell Physiology</i> , <b>2014</b> , 306, C1176-83	5.4	71
128	Cytoskeletal regulation of mitochondrial movements in myoblasts. <i>Cytoskeleton</i> , <b>2014</b> , 71, 564-72	2.4	15
127	Relationships between exercise, mitochondrial biogenesis and type 2 diabetes. <i>Medicine and Sport Science</i> , <b>2014</b> , 60, 48-61		24
126	Recent advances in mitochondrial turnover during chronic muscle disuse. <i>Integrative Medicine Research</i> , <b>2014</b> , 3, 161-171	2.7	24
125	Multiple signaling pathways regulate contractile activity-mediated PGC-1 $\beta$ gene expression and activity in skeletal muscle cells. <i>Physiological Reports</i> , <b>2014</b> , 2, e12008	2.6	39
124	Mitochondrial integrity is impaired in MELAS patients (LB164). <i>FASEB Journal</i> , <b>2014</b> , 28, LB164	0.9	
123	The effects of chronic muscle use and disuse on cardiolipin metabolism. <i>Journal of Applied Physiology</i> , <b>2013</b> , 114, 444-52	3.7	20
122	Acute exercise induces tumour suppressor protein p53 translocation to the mitochondria and promotes a p53-Tfam-mitochondrial DNA complex in skeletal muscle. <i>Journal of Physiology</i> , <b>2013</b> , 591, 3625-36	3.9	91
121	Endurance training ameliorates the metabolic and performance characteristics of circadian Clock mutant mice. <i>Journal of Applied Physiology</i> , <b>2013</b> , 114, 1076-84	3.7	38
120	Adaptive plasticity of autophagic proteins to denervation in aging skeletal muscle. <i>American Journal of Physiology - Cell Physiology</i> , <b>2013</b> , 304, C422-30	5.4	102
119	Expression of mitochondrial fission and fusion regulatory proteins in skeletal muscle during chronic use and disuse. <i>Muscle and Nerve</i> , <b>2013</b> , 48, 963-70	3.4	108
118	Sirtuin 1-mediated effects of exercise and resveratrol on mitochondrial biogenesis. <i>Journal of Biological Chemistry</i> , <b>2013</b> , 288, 6968-79	5.4	116
117	Altered mitochondrial morphology and defective protein import reveal novel roles for Bax and/or Bak in skeletal muscle. <i>American Journal of Physiology - Cell Physiology</i> , <b>2013</b> , 305, C502-11	5.4	19
116	Regulation of Tfam expression at the onset of muscle disuse. <i>FASEB Journal</i> , <b>2013</b> , 27, 940.4	0.9	
115	Expression of sestrins in skeletal muscle with acute exercise and aging. <i>FASEB Journal</i> , <b>2013</b> , 27, 939.8	0.9	
114	The regulation of mitochondrial movement within muscle cells. <i>FASEB Journal</i> , <b>2013</b> , 27, 1202.3	0.9	
113	Contractile activity-induced mitochondrial biogenesis and mTORC1. <i>American Journal of Physiology - Cell Physiology</i> , <b>2012</b> , 303, C540-7	5.4	28

112	The role of SirT1 in muscle mitochondrial turnover. <i>Mitochondrion</i> , <b>2012</b> , 12, 5-13	4.9	39
111	Plasticity of TOM complex assembly in skeletal muscle mitochondria in response to chronic contractile activity. <i>Mitochondrion</i> , <b>2012</b> , 12, 305-12	4.9	11
110	Guidelines for the use and interpretation of assays for monitoring autophagy. <i>Autophagy</i> , <b>2012</b> , 8, 445-544.2	4.2	2783
109	Commentaries on viewpoint: does SIRT1 determine exercise-induced skeletal muscle mitochondrial biogenesis: differences between in vitro and in vivo experiments?. <i>Journal of Applied Physiology</i> , <b>2012</b> , 112, 929-30	3.7	2
108	Denervation-induced mitochondrial dysfunction and autophagy in skeletal muscle of apoptosis-deficient animals. <i>American Journal of Physiology - Cell Physiology</i> , <b>2012</b> , 303, C447-54	5.4	71
107	mRNA stability as a function of striated muscle oxidative capacity. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , <b>2012</b> , 303, R408-17	3.2	17
106	Mitochondrial dysregulation in the pathogenesis of diabetes: potential for mitochondrial biogenesis-mediated interventions. <i>Experimental Diabetes Research</i> , <b>2012</b> , 2012, 642038		82
105	Mechanisms of exercise-induced mitochondrial biogenesis in skeletal muscle: implications for health and disease. <i>Comprehensive Physiology</i> , <b>2011</b> , 1, 1119-34	7.7	59
104	The importance of PGC-1 $\beta$ in contractile activity-induced mitochondrial adaptations. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2011</b> , 300, E361-71	6	53
103	Effects of endurance training on apoptotic susceptibility in striated muscle. <i>Journal of Applied Physiology</i> , <b>2011</b> , 110, 1638-45	3.7	26
102	Role of p53 within the regulatory network controlling muscle mitochondrial biogenesis. <i>Exercise and Sport Sciences Reviews</i> , <b>2011</b> , 39, 199-205	6.7	41
101	Effect of denervation-induced muscle disuse on mitochondrial protein import. <i>American Journal of Physiology - Cell Physiology</i> , <b>2011</b> , 300, C138-45	5.4	44
100	Autophagy signaling following denervation-induced muscle disuse in young and old animals. <i>FASEB Journal</i> , <b>2011</b> , 25, 1106.5	0.9	
99	Mitochondrial protein import in muscle of p53 wildtype (WT) and knockout (KO) mice. <i>FASEB Journal</i> , <b>2011</b> , 25, 1104.3	0.9	
98	Alterations in mitochondrial fission and fusion proteins with chronic muscle use and disuse. <i>FASEB Journal</i> , <b>2011</b> , 25, 1106.3	0.9	
97	Importance of fiber type and contractile activity to autophagic protein expression in cardiac and skeletal muscle. <i>FASEB Journal</i> , <b>2011</b> , 25, 1107.5	0.9	
96	Mitochondrial biogenesis elicited by chronic contractile activity with mTORC1 inhibition. <i>FASEB Journal</i> , <b>2011</b> , 25, 1059.13	0.9	
95	Influence of contractile activity-induced intracellular signaling on PGC-1 $\beta$ activity in muscle cells. <i>FASEB Journal</i> , <b>2011</b> , 25, 1105.22	0.9	

94	Regulation of PPAR $\gamma$ Coactivator-1 $\beta$ Function and Expression in Muscle: Effect of Exercise. <i>PPAR Research</i> , <b>2010</b> , 2010,	4.3	17
93	Effect of chronic contractile activity on mRNA stability in skeletal muscle. <i>American Journal of Physiology - Cell Physiology</i> , <b>2010</b> , 299, C155-63	5.4	36
92	Biogenesis of the mitochondrial Tom40 channel in skeletal muscle from aged animals and its adaptability to chronic contractile activity. <i>American Journal of Physiology - Cell Physiology</i> , <b>2010</b> , 298, C1308-14	5.4	26
91	Effect of age on the processing and import of matrix-destined mitochondrial proteins in skeletal muscle. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2010</b> , 65, 138-46	6.4	23
90	Transcriptional and post-transcriptional regulation of mitochondrial biogenesis in skeletal muscle: effects of exercise and aging. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2010</b> , 1800, 223-34	4	124
89	Mitochondrial dysfunction is associated with a pro-apoptotic cellular environment in senescent cardiac muscle. <i>Mechanisms of Ageing and Development</i> , <b>2010</b> , 131, 79-88	5.6	34
88	Quantification of dynamic mitochondrial morphologies in myoblasts. <i>FASEB Journal</i> , <b>2010</b> , 24, 989.21	0.9	
87	Muscle-Specific Disruption of Sirt1 Reduces Mitochondrial Function and Increases Reactive Oxygen Species Production. <i>FASEB Journal</i> , <b>2010</b> , 24, 987.6	0.9	
86	Voluntary aerobic exercise attenuates oxidative stress-induced apoptotic signalling in cardiac muscle. <i>FASEB Journal</i> , <b>2010</b> , 24, 806.8	0.9	
85	Skeletal muscle apoptosis following 7 days of denervation-induced muscle disuse. <i>FASEB Journal</i> , <b>2010</b> , 24, 1044.4	0.9	
84	Regulation of p53 mRNA by AMP Kinase (AMPK) activation in C2C12 myoblasts. <i>FASEB Journal</i> , <b>2010</b> , 24, 989.13	0.9	
83	Regulation of Tfam mRNA stability in skeletal muscle fiber types. <i>FASEB Journal</i> , <b>2010</b> , 24, 989.14	0.9	
82	Role of p53 in mitochondrial biogenesis and apoptosis in skeletal muscle. <i>Physiological Genomics</i> , <b>2009</b> , 37, 58-66	3.6	137
81	Effect of thyroid hormone on mitochondrial properties and oxidative stress in cells from patients with mtDNA defects. <i>American Journal of Physiology - Cell Physiology</i> , <b>2009</b> , 296, C355-62	5.4	36
80	Denervation-induced oxidative stress and autophagy signaling in muscle. <i>Autophagy</i> , <b>2009</b> , 5, 230-1	10.2	58
79	Relationship between Sirt1 expression and mitochondrial proteins during conditions of chronic muscle use and disuse. <i>Journal of Applied Physiology</i> , <b>2009</b> , 107, 1730-5	3.7	51
78	The role of PGC-1 $\alpha$ on mitochondrial function and apoptotic susceptibility in muscle. <i>American Journal of Physiology - Cell Physiology</i> , <b>2009</b> , 297, C217-25	5.4	128
77	Interactions between ROS and AMP kinase activity in the regulation of PGC-1 $\alpha$ transcription in skeletal muscle cells. <i>American Journal of Physiology - Cell Physiology</i> , <b>2009</b> , 296, C116-23	5.4	270

76	Specific attenuation of protein kinase phosphorylation in muscle with a high mitochondrial content. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2009</b> , 297, E749-58	6	35
75	Age-associated mitochondrial dysfunction in skeletal muscle: Contributing factors and suggestions for long-term interventions. <i>IUBMB Life</i> , <b>2009</b> , 61, 201-14	4.7	48
74	Diminished contraction-induced intracellular signaling towards mitochondrial biogenesis in aged skeletal muscle. <i>Aging Cell</i> , <b>2009</b> , 8, 394-404	9.9	61
73	Mechanisms of exercise-induced mitochondrial biogenesis in skeletal muscle. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2009</b> , 34, 465-72	3	159
72	Molecular basis for an attenuated mitochondrial adaptive plasticity in aged skeletal muscle. <i>Aging</i> , <b>2009</b> , 1, 818-30	5.6	66
71	Mitochondrial function and apoptotic susceptibility in aging skeletal muscle. <i>Aging Cell</i> , <b>2008</b> , 7, 2-12	9.9	307
70	Mitochondria in skeletal muscle: adaptable rheostats of apoptotic susceptibility. <i>Exercise and Sport Sciences Reviews</i> , <b>2008</b> , 36, 116-21	6.7	31
69	Exercise induces a cardiac mitochondrial phenotype that resists apoptotic stimuli. <i>American Journal of Physiology - Heart and Circulatory Physiology</i> , <b>2008</b> , 294, H928-35	5.2	108
68	Kinase-specific responsiveness to incremental contractile activity in skeletal muscle with low and high mitochondrial content. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2008</b> , 295, E195-204	6	35
67	Effect of prior chronic contractile activity on mitochondrial function and apoptotic protein expression in denervated muscle. <i>Journal of Applied Physiology</i> , <b>2008</b> , 105, 114-20	3.7	34
66	Thyroid hormone (T3) rapidly activates p38 and AMPK in skeletal muscle in vivo. <i>Journal of Applied Physiology</i> , <b>2008</b> , 104, 178-85	3.7	56
65	AMP-activated protein kinase-regulated activation of the PGC-1alpha promoter in skeletal muscle cells. <i>PLoS ONE</i> , <b>2008</b> , 3, e3614	3.7	147
64	Mitochondrial protein import and assembly dynamics in response to chronic contractile activity in skeletal muscle of young and aged animals. <i>FASEB Journal</i> , <b>2008</b> , 22, 1163.17	0.9	
63	Plasticity of aged skeletal muscle: chronic contractile activity-induced adaptations in muscle and mitochondrial function. <i>FASEB Journal</i> , <b>2008</b> , 22, 754.9	0.9	
62	Apoptotic susceptibility, muscle and mitochondrial perturbations in skeletal muscle of p53 wild-type (WT) and knockout (KO) mice. <i>FASEB Journal</i> , <b>2008</b> , 22, 754.10	0.9	
61	Evaluation of whole muscle apoptotic susceptibility in young and old animals. <i>FASEB Journal</i> , <b>2008</b> , 22, 1163.16	0.9	
60	Negligible direct lactate oxidation in subsarcolemmal and intermyofibrillar mitochondria obtained from red and white rat skeletal muscle. <i>Journal of Physiology</i> , <b>2007</b> , 582, 1317-35	3.9	66
59	The effect of training on the expression of mitochondrial biogenesis- and apoptosis-related proteins in skeletal muscle of patients with mtDNA defects. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2007</b> , 293, E672-80	6	51



58	Effect of chronic contractile activity on SS and IMF mitochondrial apoptotic susceptibility in skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2007</b> , 292, E748-55	6	58
57	Effect of denervation on mitochondrially mediated apoptosis in skeletal muscle. <i>Journal of Applied Physiology</i> , <b>2007</b> , 102, 1143-51	3.7	175
56	Mitochondrial function and protein expression profile in skeletal muscle from PGC-1 $\beta$ null mice. <i>FASEB Journal</i> , <b>2007</b> , 21, A938	0.9	
55	Diminished contraction-induced intracellular signaling in aged fast-twitch skeletal muscle with low and high mitochondrial content. <i>FASEB Journal</i> , <b>2007</b> , 21, A1206	0.9	
54	Effects of prior chronic contractile activity on subsequent denervation-induced apoptosis in skeletal muscle. <i>FASEB Journal</i> , <b>2007</b> , 21, A938	0.9	
53	Tom40 import and TOM complex assembly kinetics in subsarcolemmal and intermyofibrillar mitochondria. <i>FASEB Journal</i> , <b>2007</b> , 21, A1302	0.9	
52	Differential expression of genes controlling mitochondrial biogenesis during C2C12 differentiation. <i>FASEB Journal</i> , <b>2007</b> , 21, A662	0.9	
51	Exercise-Induced Mitochondrial Biogenesis in Skeletal Muscle <b>2007</b> , 37-60		1
50	Skeletal muscle stem cells: a symposium. <i>Applied Physiology, Nutrition and Metabolism</i> , <b>2006</b> , 31, 771-2	3	1
49	Coordination of metabolic plasticity in skeletal muscle. <i>Journal of Experimental Biology</i> , <b>2006</b> , 209, 2265-75	3.5	263
48	Regulation of the NAD <sup>+</sup> -dependent histone deacetylase Sirt1 in conditions of muscle use and disuse. <i>FASEB Journal</i> , <b>2006</b> , 20, A389	0.9	
47	Effect of denervation on mitochondrial function and the expression of apoptotic related proteins. <i>FASEB Journal</i> , <b>2006</b> , 20, A388	0.9	
46	AMP-activated protein kinase-regulated activation of the PGC-1 $\beta$ promoter in skeletal muscle cells. <i>FASEB Journal</i> , <b>2006</b> , 20, A389	0.9	
45	Tissue-specific regulation of cell signaling by acute thyroid hormone treatment in vivo. <i>FASEB Journal</i> , <b>2006</b> , 20, A821	0.9	
44	Control of gene expression and mitochondrial biogenesis in the muscular adaptation to endurance exercise. <i>Essays in Biochemistry</i> , <b>2006</b> , 42, 13-29	7.6	79
43	Application of animal models: chronic electrical stimulation-induced contractile activity. <i>Applied Physiology, Nutrition, and Metabolism</i> , <b>2005</b> , 30, 625-43		35
42	Mechanisms of mitochondrial disease and the role of exercise: a symposium. <i>Medicine and Science in Sports and Exercise</i> , <b>2005</b> , 37, 2084-5	1.2	1
41	How is mitochondrial biogenesis affected in mitochondrial disease?. <i>Medicine and Science in Sports and Exercise</i> , <b>2005</b> , 37, 2102-10	1.2	30

40	Differential susceptibility of subsarcolemmal and intermyofibrillar mitochondria to apoptotic stimuli. <i>American Journal of Physiology - Cell Physiology</i> , <b>2005</b> , 289, C994-C1001	5.4	127
39	Regulation of Egr-1, SRF, and Sp1 mRNA expression in contracting skeletal muscle cells. <i>Journal of Applied Physiology</i> , <b>2004</b> , 97, 2207-13	3.7	38
38	Tissue-specific regulation of cytochrome c oxidase subunit expression by thyroid hormone. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , <b>2004</b> , 286, E968-74	6	47
37	Calcium-regulated changes in mitochondrial phenotype in skeletal muscle cells. <i>American Journal of Physiology - Cell Physiology</i> , <b>2004</b> , 286, C1053-61	5.4	45
36	Mitochondrial assembly: protein import. <i>Proceedings of the Nutrition Society</i> , <b>2004</b> , 63, 293-300	2.9	30
35	Role of UCP3 in state 4 respiration during contractile activity-induced mitochondrial biogenesis. <i>Journal of Applied Physiology</i> , <b>2004</b> , 97, 976-83	3.7	39
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