

Henriette Pilegaard

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.

154
papers

9,583
citations

53
h-index

94
g-index

163
ext. papers

10,627
ext. citations

4.1
avg. IF

5.88
L-index

#	Paper	IF	Citations
154	Time-dependent regulation of hepatic cytochrome P450 mRNA in male liver-specific PGC-1 α knockout mice.. <i>Toxicology</i> , 2022 , 469, 153121	4.4	0
153	High metabolic substrate load induces mitochondrial dysfunction in rat skeletal muscle microvascular endothelial cells. <i>Physiological Reports</i> , 2021 , 9, e14855	2.6	1
152	PGC-1 β -mediated regulation of mitochondrial function and physiological implications. <i>Applied Physiology, Nutrition and Metabolism</i> , 2020 , 45, 927-936	3	23
151	Inducible deletion of skeletal muscle AMPK β reveals that AMPK is required for nucleotide balance but dispensable for muscle glucose uptake and fat oxidation during exercise. <i>Molecular Metabolism</i> , 2020 , 40, 101028	8.8	15
150	Colchicine treatment impairs skeletal muscle mitochondrial function and insulin sensitivity in an age-specific manner. <i>FASEB Journal</i> , 2020 , 34, 8653-8670	0.9	5
149	Impact of skeletal muscle IL-6 on subcutaneous and visceral adipose tissue metabolism immediately after high- and moderate-intensity exercises. <i>Pflugers Archiv European Journal of Physiology</i> , 2020 , 472, 217-233	4.6	3
148	Hepatic PGC-1 α s not essential for fasting-induced cytochrome p450 regulation in mouse liver. <i>Biochemical Pharmacology</i> , 2020 , 172, 113736	6	3
147	Effect of insulin on natriuretic peptide gene expression in porcine heart. <i>Peptides</i> , 2020 , 131, 170370	3.8	
146	Insulin resistance induced by growth hormone is linked to lipolysis and associated with suppressed pyruvate dehydrogenase activity in skeletal muscle: a 2 \times 2 factorial, randomised, crossover study in human individuals. <i>Diabetologia</i> , 2020 , 63, 2641-2653	10.3	3
145	Lifelong physical activity is associated with promoter hypomethylation of genes involved in metabolism, myogenesis, contractile properties and oxidative stress resistance in aged human skeletal muscle. <i>Scientific Reports</i> , 2019 , 9, 3272	4.9	31
144	Inclusion of sprints in moderate intensity continuous training leads to muscle oxidative adaptations in trained individuals. <i>Physiological Reports</i> , 2019 , 7, e13976	2.6	14
143	PGC-1 β regulates mitochondrial properties beyond biogenesis with aging and exercise training. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019 , 317, E513-E525	6	20
142	Redundancy in regulation of lipid accumulation in skeletal muscle during prolonged fasting in obese men. <i>Physiological Reports</i> , 2019 , 7, e14285	2.6	7
141	Exercise and exercise training-induced increase in autophagy markers in human skeletal muscle. <i>Physiological Reports</i> , 2018 , 6, e13651	2.6	39
140	Circular DNA elements of chromosomal origin are common in healthy human somatic tissue. <i>Nature Communications</i> , 2018 , 9, 1069	17.4	108
139	Impact of fasting followed by short-term exposure to interleukin-6 on cytochrome P450 mRNA in mice. <i>Toxicology Letters</i> , 2018 , 282, 93-99	4.4	13
138	Impact of β adrenergic signaling in PGC-1 β -mediated adaptations in mouse skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018 , 314, E1-E20	6	10

137	Impact of skeletal muscle IL-6 on regulation of liver and adipose tissue metabolism during fasting. <i>Pflugers Archiv European Journal of Physiology</i> , 2018 , 470, 1597-1613	4.6	13
136	Impact of liver PGC-1 β on exercise and exercise training-induced regulation of hepatic autophagy and mitophagy in mice on HFF. <i>Physiological Reports</i> , 2018 , 6, e13731	2.6	8
135	Regulation of apoptosis and autophagy in mouse and human skeletal muscle with aging and lifelong exercise training. <i>Experimental Gerontology</i> , 2018 , 111, 141-153	4.5	28
134	PGC-1 β hepatic UPR during high-fat high-fructose diet and exercise training in mice. <i>Physiological Reports</i> , 2018 , 6, e13819	2.6	1
133	Impact of training state on fasting-induced regulation of adipose tissue metabolism in humans. <i>Journal of Applied Physiology</i> , 2018 , 124, 729-740	3.7	11
132	The impact of exercise training and resveratrol supplementation on gut microbiota composition in high-fat diet fed mice. <i>Physiological Reports</i> , 2018 , 6, e13881	2.6	20
131	Training state and skeletal muscle autophagy in response to 36 h of fasting. <i>Journal of Applied Physiology</i> , 2018 , 125, 1609-1619	3.7	7
130	PGC-1 β exercise and fasting-induced regulation of hepatic UPR in mice. <i>Pflugers Archiv European Journal of Physiology</i> , 2018 , 470, 1431-1447	4.6	9
129	Muscle PGC-1 β exercise and fasting-induced regulation of hepatic UPR in mice. <i>Acta Physiologica</i> , 2018 , 224, e13158	5.6	4
128	Training state and fasting-induced PDH regulation in human skeletal muscle. <i>Pflugers Archiv European Journal of Physiology</i> , 2018 , 470, 1633-1645	4.6	3
127	Beta -adrenoceptor agonist salbutamol increases protein turnover rates and alters signalling in skeletal muscle after resistance exercise in young men. <i>Journal of Physiology</i> , 2018 , 596, 4121-4139	3.9	23
126	Autophagy-Dependent Beneficial Effects of Exercise. <i>Cold Spring Harbor Perspectives in Medicine</i> , 2017 , 7,	5.4	20
125	PGC-1 and fasting-induced PDH regulation in mouse skeletal muscle. <i>Physiological Reports</i> , 2017 , 5, e13228	2.8	15
124	Lack of skeletal muscle IL-6 influences hepatic glucose metabolism in mice during prolonged exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2017 , 312, R626-R636	3.2	8
123	Muscle interleukin-6 and fasting-induced PDH regulation in mouse skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017 , 312, E204-E214	6	7
122	Exercise training protects against aging-induced mitochondrial fragmentation in mouse skeletal muscle in a PGC-1 β dependent manner. <i>Experimental Gerontology</i> , 2017 , 96, 1-6	4.5	44
121	Opposite Regulation of Insulin Sensitivity by Dietary Lipid Versus Carbohydrate Excess. <i>Diabetes</i> , 2017 , 66, 2583-2595	0.9	37
120	Effects of training status on PDH regulation in human skeletal muscle during exercise. <i>Pflugers Archiv European Journal of Physiology</i> , 2017 , 469, 1615-1630	4.6	10

119	PGC-1 α in aging and lifelong exercise training-mediated regulation of UPR in mouse liver. <i>Experimental Gerontology</i> , 2017 , 98, 124-133	4.5	10
118	PGC-1 α and exercise intensity dependent adaptations in mouse skeletal muscle. <i>PLoS ONE</i> , 2017 , 12, e0185993	3.7	31
117	Skeletal muscle IL-6 regulates muscle substrate utilization and adipose tissue metabolism during recovery from an acute bout of exercise. <i>PLoS ONE</i> , 2017 , 12, e0189301	3.7	22
116	Combined speed endurance and endurance exercise amplify the exercise-induced PGC-1 α and PDK4 mRNA response in trained human muscle. <i>Physiological Reports</i> , 2016 , 4, e12864	2.6	24
115	Skeletal muscle IL-6 and regulation of liver metabolism during high-fat diet and exercise training. <i>Physiological Reports</i> , 2016 , 4, e12788	2.6	16
114	Lack of Skeletal Muscle IL-6 Affects Pyruvate Dehydrogenase Activity at Rest and during Prolonged Exercise. <i>PLoS ONE</i> , 2016 , 11, e0156460	3.7	23
113	PGC-1 α promotes exercise-induced autophagy in mouse skeletal muscle. <i>Physiological Reports</i> , 2016 , 4, e12698	2.6	36
112	Impact of adrenaline and metabolic stress on exercise-induced intracellular signaling and PGC-1 α mRNA response in human skeletal muscle. <i>Physiological Reports</i> , 2016 , 4, e12844	2.6	24
111	Exercise-induced regulation of key factors in substrate choice and gluconeogenesis in mouse liver. <i>Molecular and Cellular Biochemistry</i> , 2015 , 403, 209-17	4.2	20
110	New Nordic Diet-Induced Weight Loss Is Accompanied by Changes in Metabolism and AMPK Signaling in Adipose Tissue. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 3509-19	5.6	33
109	AMPK is essential for acute exercise-induced gene responses but not for exercise training-induced adaptations in mouse skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015 , 309, E900-14	6	23
108	Exercise-induced AMPK and pyruvate dehydrogenase regulation is maintained during short-term low-grade inflammation. <i>Pflügers Archiv European Journal of Physiology</i> , 2015 , 467, 341-50	4.6	3
107	5RAMP activated protein kinase β controls substrate metabolism during post-exercise recovery via regulation of pyruvate dehydrogenase kinase α . <i>Journal of Physiology</i> , 2015 , 593, 4765-80	3.9	27
106	Effects of Exercise Training on Regulation of Skeletal Muscle Glucose Metabolism in Elderly Men. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015 , 70, 866-72	6.4	23
105	Skeletal muscle interleukin-6 regulates metabolic factors in iWAT during HFD and exercise training. <i>Obesity</i> , 2015 , 23, 1616-24	8	18
104	Ammonium Chloride Ingestion Attenuates Exercise-Induced mRNA Levels in Human Muscle. <i>PLoS ONE</i> , 2015 , 10, e0141317	3.7	13
103	Effects of IL-6 on pyruvate dehydrogenase regulation in mouse skeletal muscle. <i>Pflügers Archiv European Journal of Physiology</i> , 2014 , 466, 1647-57	4.6	20
102	GLUT4 and Glycogen Synthase Are Key Players in Bed Rest-Induced Insulin Resistance. <i>Diabetes</i> 2012 ;61:1090--1099. <i>Diabetes</i> , 2014 , 63, 3159-3159	0.9	

101	Muscle insulin sensitivity and glucose metabolism are controlled by the intrinsic muscle clock. <i>Molecular Metabolism</i> , 2014 , 3, 29-41	8.8	242
100	Role of IL-6 in exercise training- and cold-induced UCP1 expression in subcutaneous white adipose tissue. <i>PLoS ONE</i> , 2014 , 9, e84910	3.7	117
99	Insulin sensitivity is independent of lipid binding protein trafficking at the plasma membrane in human skeletal muscle: effect of a 3-day, high-fat diet. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2014 , 307, R1136-45	3.2	8
98	Growth hormone-induced insulin resistance in human subjects involves reduced pyruvate dehydrogenase activity. <i>Acta Physiologica</i> , 2014 , 210, 392-402	5.6	31
97	Reply from Lasse Gliemann, Jesper Olesen, Rasmus Sjørup Bienso, Stefan Peter Mortensen, Michael Nyberg, Jens Bangsbo, Henriette Pilegaard and Ylva Hellsten. <i>Journal of Physiology</i> , 2014 , 592, 553	3.9	
96	Exercise training, but not resveratrol, improves metabolic and inflammatory status in skeletal muscle of aged men. <i>Journal of Physiology</i> , 2014 , 592, 1873-86	3.9	84
95	Leptin signaling in skeletal muscle after bed rest in healthy humans. <i>European Journal of Applied Physiology</i> , 2014 , 114, 345-57	3.4	16
94	Resveratrol blunts the positive effects of exercise training on cardiovascular health in aged men. <i>Journal of Physiology</i> , 2013 , 591, 5047-59	3.9	174
93	Interleukin-18 activates skeletal muscle AMPK and reduces weight gain and insulin resistance in mice. <i>Diabetes</i> , 2013 , 62, 3064-74	0.9	57
92	Effect of lifelong resveratrol supplementation and exercise training on skeletal muscle oxidative capacity in aging mice; impact of PGC-1 α . <i>Experimental Gerontology</i> , 2013 , 48, 1311-8	4.5	47
91	AMP-activated protein kinase regulates nicotinamide phosphoribosyl transferase expression in skeletal muscle. <i>Journal of Physiology</i> , 2013 , 591, 5207-20	3.9	67
90	Both short intense and prolonged moderate in vitro stimulation reduce the mRNA expression of calcium-regulatory proteins in rat skeletal muscle. <i>Molecular and Cellular Biochemistry</i> , 2013 , 373, 171-8	4.2	5
89	Role of PGC-1 α in exercise training- and resveratrol-induced prevention of age-associated inflammation. <i>Experimental Gerontology</i> , 2013 , 48, 1274-84	4.5	30
88	Direct effects of locally administered lipopolysaccharide on glucose, lipid, and protein metabolism in the placebo-controlled, bilaterally infused human leg. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2013 , 98, 2090-9	5.6	13
87	Subcellular localization and mechanism of secretion of vascular endothelial growth factor in human skeletal muscle. <i>FASEB Journal</i> , 2013 , 27, 3496-504	0.9	45
86	Effect of birth weight and 12 weeks of exercise training on exercise-induced AMPK signaling in human skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013 , 304, E1379-90	6	32
85	Exercise training and work task induced metabolic and stress-related mRNA and protein responses in myalgic muscles. <i>BioMed Research International</i> , 2013 , 2013, 984523	3	18
84	Menopause is associated with decreased whole body fat oxidation during exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013 , 304, E1227-36	6	55

83	Direct effects of TNF- α on local fuel metabolism and cytokine levels in the placebo-controlled, bilaterally infused human leg: increased insulin sensitivity, increased net protein breakdown, and increased IL-6 release. <i>Diabetes</i> , 2013 , 62, 4023-9	0.9	39
82	Reply from Lasse Gliemann, Jakob Schmidt, Jesper Olesen, Rasmus Sjørup Biens, Sebastian Louis Peronard, Simon Udsen Grandjean, Stefan Peter Mortensen, Michael Nyberg, Jens Bangsbo, Henriette Pilegaard and Ylva Hellsten. <i>Journal of Physiology</i> , 2013 , 591, 5253	3.9	
81	PGC-1 α s required for exercise- and exercise training-induced UCP1 up-regulation in mouse white adipose tissue. <i>PLoS ONE</i> , 2013 , 8, e64123	3.7	44
80	Resveratrol blunts the positive effects of exercise training in aged men; a double-blind, randomized, placebo-controlled training study. <i>FASEB Journal</i> , 2013 , 27, 1143.7	0.9	
79	IL-6 regulates exercise and training-induced adaptations in subcutaneous adipose tissue in mice. <i>Acta Physiologica</i> , 2012 , 205, 224-35	5.6	26
78	GLUT4 and glycogen synthase are key players in bed rest-induced insulin resistance. <i>Diabetes</i> , 2012 , 61, 1090-9	0.9	73
77	Evaluation of functional erythropoietin receptor status in skeletal muscle in vivo: acute and prolonged studies in healthy human subjects. <i>PLoS ONE</i> , 2012 , 7, e31857	3.7	13
76	Skeletal muscle PGC-1 α s required for maintaining an acute LPS-induced TNF α response. <i>PLoS ONE</i> , 2012 , 7, e32222	3.7	25
75	Role of vitamin C and E supplementation on IL-6 in response to training. <i>Journal of Applied Physiology</i> , 2012 , 112, 990-1000	3.7	46
74	Sucrose counteracts the anti-inflammatory effect of fish oil in adipose tissue and increases obesity development in mice. <i>PLoS ONE</i> , 2011 , 6, e21647	3.7	40
73	In humans IL-6 is released from the brain during and after exercise and paralleled by enhanced IL-6 mRNA expression in the hippocampus of mice. <i>Acta Physiologica</i> , 2011 , 201, 475-82	5.6	27
72	Interleukin-6 modifies mRNA expression in mouse skeletal muscle. <i>Acta Physiologica</i> , 2011 , 202, 165-73	5.6	21
71	Exercise-induced liver chemokine CXCL-1 expression is linked to muscle-derived interleukin-6 expression. <i>Journal of Physiology</i> , 2011 , 589, 1409-20	3.9	43
70	Mitochondrial biogenesis and angiogenesis in skeletal muscle of the elderly. <i>Experimental Gerontology</i> , 2011 , 46, 670-8	4.5	43
69	Na,K-ATPase activity in mouse muscle is regulated by AMPK and PGC-1 α . <i>Journal of Membrane Biology</i> , 2011 , 242, 1-10	2.3	24
68	Exercise-induced pyruvate dehydrogenase activation is not affected by 7 days of bed rest. <i>Journal of Applied Physiology</i> , 2011 , 111, 751-7	3.7	16
67	Lipid-induced insulin resistance affects women less than men and is not accompanied by inflammation or impaired proximal insulin signaling. <i>Diabetes</i> , 2011 , 60, 64-73	0.9	96
66	LIF is a contraction-induced myokine stimulating human myocyte proliferation. <i>Journal of Applied Physiology</i> , 2011 , 111, 251-9	3.7	93

65	Role of PGC-1 α in exercise and fasting-induced adaptations in mouse liver. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011 , 301, R1501-9	3.2	47
64	Bed rest reduces metabolic protein content and abolishes exercise-induced mRNA responses in human skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011 , 301, E649-58	6.8	85
63	Contraction-induced changes in skeletal muscle Na(+), K(+) pump mRNA expression - importance of exercise intensity and Ca(2+)-mediated signalling. <i>Acta Physiologica</i> , 2010 , 198, 487-98	5.6	18
62	Endurance exercise induces mRNA expression of oxidative enzymes in human skeletal muscle late in recovery. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2010 , 20, 593-9	4.6	38
61	Attenuated purinergic receptor function in patients with type 2 diabetes. <i>Diabetes</i> , 2010 , 59, 182-9	0.9	37
60	Low muscle glycogen and elevated plasma free fatty acid modify but do not prevent exercise-induced PDH activation in human skeletal muscle. <i>Diabetes</i> , 2010 , 59, 26-32	0.9	29
59	Endurance training enhances BDNF release from the human brain. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010 , 298, R372-7	3.2	290
58	PGC-1 α increases PDH content but does not change acute PDH regulation in mouse skeletal muscle. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010 , 299, R1350-9	3.2	23
57	PGC-1 α is required for AICAR-induced expression of GLUT4 and mitochondrial proteins in mouse skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010 , 299, E456-65	6.5	71
56	Transgenic mice with astrocyte-targeted production of interleukin-6 are resistant to high-fat diet-induced increases in body weight and body fat. <i>Brain, Behavior, and Immunity</i> , 2010 , 24, 119-26	16.6	50
55	Relative workload determines exercise-induced increases in PGC-1 α mRNA. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 1477-84	1.2	56
54	PGC-1 α -mediated adaptations in skeletal muscle. <i>Pflügers Archiv European Journal of Physiology</i> , 2010 , 460, 153-62	4.6	182
53	PGC-1 α is required for training-induced prevention of age-associated decline in mitochondrial enzymes in mouse skeletal muscle. <i>Experimental Gerontology</i> , 2010 , 45, 336-42	4.5	89
52	Consecutive bouts of diverse contractile activity alter acute responses in human skeletal muscle. <i>Journal of Applied Physiology</i> , 2009 , 106, 1187-97	3.7	74
51	The role of PGC-1 α on mitochondrial function and apoptotic susceptibility in muscle. <i>American Journal of Physiology - Cell Physiology</i> , 2009 , 297, C217-25	5.4	128
50	ATP-induced vasodilation and purinergic receptors in the human leg: roles of nitric oxide, prostaglandins, and adenosine. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2009 , 296, R1140-8	3.2	85
49	PGC-1 α mediates exercise-induced skeletal muscle VEGF expression in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009 , 297, E92-103	6	90
48	Potential role of TBC1D4 in enhanced post-exercise insulin action in human skeletal muscle. <i>Diabetologia</i> , 2009 , 52, 891-900	10.3	92

47	Evidence for a release of brain-derived neurotrophic factor from the brain during exercise. <i>Experimental Physiology</i> , 2009 , 94, 1062-9	2.4	559
46	Genetic priming of a proinflammatory profile predicts low IQ in octogenarians. <i>Neurobiology of Aging</i> , 2009 , 30, 769-81	5.6	27
45	PGC-1alpha is not mandatory for exercise- and training-induced adaptive gene responses in mouse skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008 , 294, E463-74	6	179
44	Regulation of PDH in human arm and leg muscles at rest and during intense exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008 , 294, E36-42	6	27
43	Erythropoietin receptor in human skeletal muscle and the effects of acute and long-term injections with recombinant human erythropoietin on the skeletal muscle. <i>Journal of Applied Physiology</i> , 2008 , 104, 1154-60	3.7	60
42	Metabolic Acidosis Reduces Exercise-induced Up-regulation Of PGC-1alpha mRNA. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, S33	1.2	1
41	Expression of interleukin-15 in human skeletal muscle effect of exercise and muscle fibre type composition. <i>Journal of Physiology</i> , 2007 , 584, 305-12	3.9	164
40	Adipose tissue interleukin-18 mRNA and plasma interleukin-18: effect of obesity and exercise. <i>Obesity</i> , 2007 , 15, 356-63	8	51
39	Antioxidant supplementation enhances the exercise-induced increase in mitochondrial uncoupling protein 3 and endothelial nitric oxide synthase mRNA content in human skeletal muscle. <i>Free Radical Biology and Medicine</i> , 2007 , 43, 353-61	7.8	50
38	Lack of AMPKalpha2 enhances pyruvate dehydrogenase activity during exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007 , 293, E1242-9	6	28
37	Calcium signalling in the regulation of PGC-1alpha, PDK4 and HKII mRNA expression. <i>Biological Chemistry</i> , 2007 , 388, 481-8	4.5	27
36	Nitric oxide production is a proximal signaling event controlling exercise-induced mRNA expression in human skeletal muscle. <i>FASEB Journal</i> , 2007 , 21, 2683-94	0.9	62
35	PGC-1beta is downregulated by training in human skeletal muscle: no effect of training twice every second day vs. once daily on expression of the PGC-1 family. <i>Journal of Applied Physiology</i> , 2007 , 103, 1536-42	3.7	40
34	Strong iron demand during hypoxia-induced erythropoiesis is associated with down-regulation of iron-related proteins and myoglobin in human skeletal muscle. <i>Blood</i> , 2007 , 109, 4724-31	2.2	95
33	Mitochondrial function and protein expression profile in skeletal muscle from PGC-1 β null mice. <i>FASEB Journal</i> , 2007 , 21, A938	0.9	
32	The contraction induced increase in gene expression of peroxisome proliferator-activated receptor (PPAR)-gamma coactivator 1alpha (PGC-1alpha), mitochondrial uncoupling protein 3 (UCP3) and hexokinase II (HKII) in primary rat skeletal muscle cells is dependent on reactive oxygen species. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2006 , 1763, 969-76	4.9	84
31	PDH-E1alpha dephosphorylation and activation in human skeletal muscle during exercise: effect of intralipid infusion. <i>Diabetes</i> , 2006 , 55, 3020-7	0.9	65
30	The mRNA expression profile of metabolic genes relative to MHC isoform pattern in human skeletal muscles. <i>Journal of Applied Physiology</i> , 2006 , 101, 817-25	3.7	34

29	Carbohydrate metabolism during prolonged exercise and recovery: interactions between pyruvate dehydrogenase, fatty acids, and amino acids. <i>Journal of Applied Physiology</i> , 2006 , 100, 1822-30	3.7	40
28	Higher skeletal muscle alpha2AMPK activation and lower energy charge and fat oxidation in men than in women during submaximal exercise. <i>Journal of Physiology</i> , 2006 , 574, 125-38	3.9	125
27	Regular endurance training reduces the exercise induced HIF-1alpha and HIF-2alpha mRNA expression in human skeletal muscle in normoxic conditions. <i>European Journal of Applied Physiology</i> , 2006 , 96, 363-9	3.4	71
26	Control of gene expression and mitochondrial biogenesis in the muscular adaptation to endurance exercise. <i>Essays in Biochemistry</i> , 2006 , 42, 13-29	7.6	79
25	Substrate availability and transcriptional regulation of metabolic genes in human skeletal muscle during recovery from exercise. <i>Metabolism: Clinical and Experimental</i> , 2005 , 54, 1048-55	12.7	126
24	5RAMP activated protein kinase expression in human skeletal muscle: effects of strength training and type 2 diabetes. <i>Journal of Physiology</i> , 2005 , 564, 563-73	3.9	125
23	Gene expression in human skeletal muscle: alternative normalization method and effect of repeated biopsies. <i>European Journal of Applied Physiology</i> , 2005 , 95, 351-60	3.4	144
22	Contraction-induced increases in Na ⁺ -K ⁺ -ATPase mRNA levels in human skeletal muscle are not amplified by activation of additional muscle mass. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2005 , 289, R84-91	3.2	26
21	Effects of alpha-AMPK knockout on exercise-induced gene activation in mouse skeletal muscle. <i>FASEB Journal</i> , 2005 , 19, 1146-8	0.9	230
20	Endurance training reduces the contraction-induced interleukin-6 mRNA expression in human skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004 , 287, E1189-94	6	105
19	Acclimatization to 4100 m does not change capillary density or mRNA expression of potential angiogenesis regulatory factors in human skeletal muscle. <i>Journal of Experimental Biology</i> , 2004 , 207, 3865-71	3	63
18	Adipose tissue expression of IL-18 and HIV-associated lipodystrophy. <i>Aids</i> , 2004 , 18, 1956-8	3.5	23
17	Transcriptional regulation of pyruvate dehydrogenase kinase 4 in skeletal muscle during and after exercise. <i>Proceedings of the Nutrition Society</i> , 2004 , 63, 221-6	2.9	88
16	Effect of acute exercise and exercise training on VEGF splice variants in human skeletal muscle. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2004 , 287, R397-402	3.2	56
15	5RAMP-activated protein kinase activity and subunit expression in exercise-trained human skeletal muscle. <i>Journal of Applied Physiology</i> , 2003 , 94, 631-41	3.7	120
14	Resistance exercise alters MRF and IGF-I mRNA content in human skeletal muscle. <i>Journal of Applied Physiology</i> , 2003 , 95, 1038-44	3.7	133
13	Differential transcriptional activation of select metabolic genes in response to variations in exercise intensity and duration. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003 , 285, E1021-7	6	72
12	Effect of high-intensity training on exercise-induced gene expression specific to ion homeostasis and metabolism. <i>Journal of Applied Physiology</i> , 2003 , 95, 1201-6	3.7	41

11	Oxidative DNA damage and repair in skeletal muscle of humans exposed to high-altitude hypoxia. <i>Toxicology</i> , 2003 , 192, 229-36	4.4	36
10	Exercise induces transient transcriptional activation of the PGC-1alpha gene in human skeletal muscle. <i>Journal of Physiology</i> , 2003 , 546, 851-8	3.9	658
9	Effect of short-term fasting and refeeding on transcriptional regulation of metabolic genes in human skeletal muscle. <i>Diabetes</i> , 2003 , 52, 657-62	0.9	121
8	Influence of pre-exercise muscle glycogen content on exercise-induced transcriptional regulation of metabolic genes. <i>Journal of Physiology</i> , 2002 , 541, 261-71	3.9	164
7	Dissociation of AMPK activity and ACCbeta phosphorylation in human muscle during prolonged exercise. <i>Biochemical and Biophysical Research Communications</i> , 2002 , 298, 309-16	3.4	103
6	Transcriptional activation of the IL-6 gene in human contracting skeletal muscle: influence of muscle glycogen content. <i>FASEB Journal</i> , 2001 , 15, 2748-50	0.9	334
5	Transcriptional regulation of gene expression in human skeletal muscle during recovery from exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2000 , 279, E806-14	6	401
4	Distribution of the lactate/H+ transporter isoforms MCT1 and MCT4 in human skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1999 , 276, E843-8	6	78
3	Effect of high-intensity exercise training on lactate/H+ transport capacity in human skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1999 , 276, E255-61	6	104
2	Lactate/H+ transport kinetics in rat skeletal muscle related to fibre type and changes in transport capacity. <i>Pflugers Archiv European Journal of Physiology</i> , 1998 , 436, 560-4	4.6	12
1	Lactic acid efflux from white skeletal muscle is catalyzed by the monocarboxylate transporter isoform MCT3. <i>Journal of Biological Chemistry</i> , 1998 , 273, 15920-6	5.4	209