

Peter Schjerling

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1023390/publications.pdf>

Version: 2024-02-01

209
papers

14,102
citations

18479

62
h-index

22161

113
g-index

212
all docs

212
docs citations

212
times ranked

14762
citing authors

#	ARTICLE	IF	CITATIONS
1	Pro- and anti-inflammatory cytokine balance in strenuous exercise in humans. <i>Journal of Physiology</i> , 1999, 515, 287-291.	2.9	767
2	Interleukin-6 Stimulates Lipolysis and Fat Oxidation in Humans. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003, 88, 3005-3010.	3.6	609
3	Vitamin D controls T cell antigen receptor signaling and activation of human T cells. <i>Nature Immunology</i> , 2010, 11, 344-349.	14.5	493
4	Knockout of the β but Not β 5 ϵ -AMP-activated Protein Kinase Isoform Abolishes 5-Aminoimidazole-4-carboxamide-1- β -D-ribofuranosidebut Not Contraction-induced Glucose Uptake in Skeletal Muscle. <i>Journal of Biological Chemistry</i> , 2004, 279, 1070-1079.	3.4	484
5	Muscle-derived interleukin-6: possible biological effects. <i>Journal of Physiology</i> , 2001, 536, 329-337.	2.9	442
6	Patients with type 2 diabetes have normal mitochondrial function in skeletal muscle. <i>Diabetologia</i> , 2007, 50, 790-796.	6.3	437
7	Interleukin-6 production in contracting human skeletal muscle is influenced by pre-exercise muscle glycogen content. <i>Journal of Physiology</i> , 2001, 537, 633-639.	2.9	348
8	A trauma-like elevation of plasma cytokines in humans in response to treadmill running. <i>Journal of Physiology</i> , 1998, 513, 889-894.	2.9	294
9	Physical activity and plasma interleukin-6 in humans - effect of intensity of exercise. <i>European Journal of Applied Physiology</i> , 2000, 83, 512-515.	2.5	272
10	The effects of heavy resistance training and detraining on satellite cells in human skeletal muscles. <i>Journal of Physiology</i> , 2004, 558, 1005-1012.	2.9	268
11	The need for transparency and good practices in the qPCR literature. <i>Nature Methods</i> , 2013, 10, 1063-1067.	19.0	251
12	Effects of β -AMPK knockout on exercise-induced gene activation in mouse skeletal muscle. <i>FASEB Journal</i> , 2005, 19, 1146-1148.	0.5	248
13	Lack of tissue renewal in human adult Achilles tendon is revealed by nuclear bomb ¹⁴ C. <i>FASEB Journal</i> , 2013, 27, 2074-2079.	0.5	247
14	Comparative amino acid sequence analysis of the C6 zinc cluster family of transcriptional regulators. <i>Nucleic Acids Research</i> , 1996, 24, 4599-4607.	14.5	236
15	Expression of collagen and related growth factors in rat tendon and skeletal muscle in response to specific contraction types. <i>Journal of Physiology</i> , 2007, 582, 1303-1316.	2.9	229
16	The β -5'AMP-Activated Protein Kinase Is a Site 2 Glycogen Synthase Kinase in Skeletal Muscle and Is Responsive to Glucose Loading. <i>Diabetes</i> , 2004, 53, 3074-3081.	0.6	215
17	Muscle contractions induce interleukin-6 mRNA production in rat skeletal muscles. <i>Journal of Physiology</i> , 2000, 528, 157-163.	2.9	210
18	Effect of intermittent fasting and refeeding on insulin action in healthy men. <i>Journal of Applied Physiology</i> , 2005, 99, 2128-2136.	2.5	203

#	ARTICLE	IF	CITATIONS
19	Possible CaMKK-dependent regulation of AMPK phosphorylation and glucose uptake at the onset of mild tetanic skeletal muscle contraction. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 292, E1308-E1317.	3.5	177
20	Exercise and interleukin-6. <i>Current Opinion in Hematology</i> , 2001, 8, 137-141.	2.5	161
21	Growth hormone stimulates the collagen synthesis in human tendon and skeletal muscle without affecting myofibrillar protein synthesis. <i>Journal of Physiology</i> , 2010, 588, 341-351.	2.9	160
22	Whey and casein labeled with [¹³ C]leucine and muscle protein synthesis: effect of resistance exercise and protein ingestion. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011, 300, E231-E242.	3.5	159
23	Rac1 Signaling Is Required for Insulin-Stimulated Glucose Uptake and Is Dysregulated in Insulin-Resistant Murine and Human Skeletal Muscle. <i>Diabetes</i> , 2013, 62, 1865-1875.	0.6	159
24	Short-term strength training and the expression of myostatin and IGF-I isoforms in rat muscle and tendon: differential effects of specific contraction types. <i>Journal of Applied Physiology</i> , 2007, 102, 573-581.	2.5	157
25	The effect of recombinant human growth hormone and resistance training on IGF-I mRNA expression in the muscles of elderly men. <i>Journal of Physiology</i> , 2004, 555, 231-240.	2.9	156
26	Role of AMPK α 2 in basal, training-, and AICAR-induced GLUT4, hexokinase II, and mitochondrial protein expression in mouse muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 292, E331-E339.	3.5	147
27	The behaviour of satellite cells in response to exercise: what have we learned from human studies?. <i>Pflügers Archiv European Journal of Physiology</i> , 2005, 451, 319-327.	2.8	143
28	Sequenced response of extracellular matrix deadhesion and fibrotic regulators after muscle damage is involved in protection against future injury in human skeletal muscle. <i>FASEB Journal</i> , 2011, 25, 1943-1959.	0.5	140
29	Ageing is associated with diminished muscle re-growth and myogenic precursor cell expansion early after immobility-induced atrophy in human skeletal muscle. <i>Journal of Physiology</i> , 2013, 591, 3789-3804.	2.9	132
30	Aging Affects the Transcriptional Regulation of Human Skeletal Muscle Disuse Atrophy. <i>PLoS ONE</i> , 2012, 7, e51238.	2.5	132
31	Maximal eccentric exercise induces a rapid accumulation of small heat shock proteins on myofibrils and a delayed HSP70 response in humans. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2007, 293, R844-R853.	1.8	130
32	Radiocarbon dating reveals minimal collagen turnover in both healthy and osteoarthritic human cartilage. <i>Science Translational Medicine</i> , 2016, 8, 346ra90.	12.4	130
33	Muscle, Genes and Athletic Performance. <i>Scientific American</i> , 2000, 283, 48-55.	1.0	126
34	Rac1 Is a Novel Regulator of Contraction-Stimulated Glucose Uptake in Skeletal Muscle. <i>Diabetes</i> , 2013, 62, 1139-1151.	0.6	126
35	Lipid-binding proteins and lipoprotein lipase activity in human skeletal muscle: influence of physical activity and gender. <i>Journal of Applied Physiology</i> , 2004, 97, 1209-1218.	2.5	122
36	Effect of unloading followed by reloading on expression of collagen and related growth factors in rat tendon and muscle. <i>Journal of Applied Physiology</i> , 2009, 106, 178-186.	2.5	119

#	ARTICLE	IF	CITATIONS
37	Caspase 3 Expression Correlates With Skeletal Muscle Apoptosis in Duchenne and Facioscapulo Human Muscular Dystrophy. A Potential Target for Pharmacological Treatment?. <i>Journal of Neuropathology and Experimental Neurology</i> , 2001, 60, 302-312.	1.7	116
38	Prior AICAR Stimulation Increases Insulin Sensitivity in Mouse Skeletal Muscle in an AMPK-Dependent Manner. <i>Diabetes</i> , 2015, 64, 2042-2055.	0.6	115
39	Mitochondrial respiration in subcutaneous and visceral adipose tissue from patients with morbid obesity. <i>Journal of Physiology</i> , 2010, 588, 2023-2032.	2.9	112
40	Chemokines are elevated in plasma after strenuous exercise in humans. <i>European Journal of Applied Physiology</i> , 2001, 84, 244-245.	2.5	111
41	Plasma interleukin-6 during strenuous exercise: role of epinephrine. <i>American Journal of Physiology - Cell Physiology</i> , 2001, 281, C1001-C1004.	4.6	109
42	Acute interleukin-6 administration does not impair muscle glucose uptake or whole-body glucose disposal in healthy humans. <i>Journal of Physiology</i> , 2003, 548, 631-638.	2.9	106
43	Vitamin D-binding protein controls T cell responses to vitamin D. <i>BMC Immunology</i> , 2014, 15, 35.	2.2	100
44	Are exercise-induced genes induced by exercise?. <i>FASEB Journal</i> , 2005, 19, 94-96.	0.5	98
45	Acute exercise and physiological insulin induce distinct phosphorylation signatures on TBC1D1 and TBC1D4 proteins in human skeletal muscle. <i>Journal of Physiology</i> , 2014, 592, 351-375.	2.9	95
46	Life-long endurance exercise in humans: Circulating levels of inflammatory markers and leg muscle size. <i>Mechanisms of Ageing and Development</i> , 2013, 134, 531-540.	4.6	94
47	Sex differences in hormone-sensitive lipase expression, activity, and phosphorylation in skeletal muscle at rest and during exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006, 291, E1106-E1114.	3.5	90
48	PGC-1 α and PGC-1 β have both similar and distinct effects on myofiber switching toward an oxidative phenotype. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006, 291, E807-E816.	3.5	88
49	Rac1 governs exercise-stimulated glucose uptake in skeletal muscle through regulation of GLUT4 translocation in mice. <i>Journal of Physiology</i> , 2016, 594, 4997-5008.	2.9	87
50	Genetic impairment of AMPK α 2 signaling does not reduce muscle glucose uptake during treadmill exercise in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 297, E924-E934.	3.5	78
51	Cytokines in Aging and Exercise. <i>International Journal of Sports Medicine</i> , 2000, 21, 4-9.	1.7	77
52	AMPK α 1 Activation Is Required for Stimulation of Glucose Uptake by Twitch Contraction, but Not by H ₂ O ₂ , in Mouse Skeletal Muscle. <i>PLoS ONE</i> , 2008, 3, e2102.	2.5	77
53	Simplified data access on human skeletal muscle transcriptome responses to differentiated exercise. <i>Scientific Data</i> , 2014, 1, 140041.	5.3	75
54	Does vitamin-D intake during resistance training improve the skeletal muscle hypertrophic and strength response in young and elderly men? â€” a randomized controlled trial. <i>Nutrition and Metabolism</i> , 2015, 12, 32.	3.0	73

#	ARTICLE	IF	CITATIONS
55	Activation of satellite cells and the regeneration of human skeletal muscle are expedited by ingestion of nonsteroidal anti-inflammatory medication. <i>FASEB Journal</i> , 2016, 30, 2266-2281.	0.5	72
56	Acute mTOR inhibition induces insulin resistance and alters substrate utilization in vivo. <i>Molecular Metabolism</i> , 2014, 3, 630-641.	6.5	68
57	AMPK is critical for enhancing skeletal muscle fatty acid utilization during in vivo exercise in mice. <i>FASEB Journal</i> , 2015, 29, 1725-1738.	0.5	68
58	Contraction-induced skeletal muscle FAT/CD36 trafficking and FA uptake is AMPK independent. <i>Journal of Lipid Research</i> , 2011, 52, 699-711.	4.2	67
59	Expression of extracellular matrix components and related growth factors in human tendon and muscle after acute exercise. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2013, 23, e150-61.	2.9	67
60	Resistance training and insulin action in humans: effects of de-training. <i>Journal of Physiology</i> , 2003, 551, 1049-1058.	2.9	67
61	LKB1 Regulates Lipid Oxidation During Exercise Independently of AMPK. <i>Diabetes</i> , 2013, 62, 1490-1499.	0.6	66
62	Vitamin D Up-Regulates the Vitamin D Receptor by Protecting It from Proteasomal Degradation in Human CD4+ T Cells. <i>PLoS ONE</i> , 2014, 9, e96695.	2.5	65
63	Reduced skeletal muscle mitochondrial respiration and improved glucose metabolism in nondiabetic obese women during a very low calorie dietary intervention leading to rapid weight loss. <i>Metabolism: Clinical and Experimental</i> , 2009, 58, 1145-1152.	3.4	63
64	Role of AMPK in regulation of LC3 lipidation as a marker of autophagy in skeletal muscle. <i>Cellular Signalling</i> , 2016, 28, 663-674.	3.6	62
65	Suppression of testosterone does not blunt mRNA expression of myoD, myogenin, IGF, myostatin or androgen receptor post strength training in humans. <i>Journal of Physiology</i> , 2007, 578, 579-593.	2.9	59
66	Muscle glycogen content and glucose uptake during exercise in humans: influence of prior exercise and dietary manipulation. <i>Journal of Physiology</i> , 2002, 541, 273-281.	2.9	58
67	The effect of running, strength, and vibration strength training on the mechanical, morphological, and biochemical properties of the Achilles tendon in rats. <i>Journal of Applied Physiology</i> , 2007, 102, 564-572.	2.5	58
68	Two weeks of metformin treatment induces AMPK-dependent enhancement of insulin-stimulated glucose uptake in mouse soleus muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E1099-E1109.	3.5	58
69	Effects of concentric and repeated eccentric exercise on muscle damage and calpain and calpastatin gene expression in human skeletal muscle. <i>European Journal of Applied Physiology</i> , 2008, 103, 323-332.	2.5	55
70	Exercise induces recruitment of lymphocytes with an activated phenotype and short telomeres in young and elderly humans. <i>Life Sciences</i> , 1999, 65, 2623-2633.	4.3	54
71	Release of Tensile Strain on Engineered Human Tendon Tissue Disturbs Cell Adhesions, Changes Matrix Architecture, and Induces an Inflammatory Phenotype. <i>PLoS ONE</i> , 2014, 9, e86078.	2.5	54
72	Contraction and AICAR Stimulate IL-6 Vesicle Depletion From Skeletal Muscle Fibers In Vivo. <i>Diabetes</i> , 2013, 62, 3081-3092.	0.6	53

#	ARTICLE	IF	CITATIONS
73	Myostatin expression during human muscle hypertrophy and subsequent atrophy: increased myostatin with detraining. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2011, 21, 215-223.	2.9	50
74	GH and IGF1 levels are positively associated with musculotendinous collagen expression: experiments in acromegalic and GH deficiency patients. <i>European Journal of Endocrinology</i> , 2010, 163, 853-862.	3.7	49
75	The possible role of myostatin in skeletal muscle atrophy and cachexia. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2006, 16, 74-82.	2.9	48
76	Expression patterns of atrogenic and ubiquitin proteasome component genes with exercise: effect of different loading patterns and repeated exercise bouts. <i>Journal of Applied Physiology</i> , 2007, 103, 1513-1522.	2.5	48
77	Rac1 and AMPK Account for the Majority of Muscle Glucose Uptake Stimulated by Ex Vivo Contraction but Not In Vivo Exercise. <i>Diabetes</i> , 2017, 66, 1548-1559.	0.6	48
78	Cha4p of <i>Saccharomyces cerevisiae</i> Activates Transcription Via Serine/Threonine Response Elements. <i>Genetics</i> , 1996, 144, 467-478.	2.9	48
79	Tendon and skeletal muscle matrix gene expression and functional responses to immobilisation and rehabilitation in young males: effect of growth hormone administration. <i>Journal of Physiology</i> , 2013, 591, 6039-6052.	2.9	47
80	Preserved capacity for satellite cell proliferation, regeneration, and hypertrophy in the skeletal muscle of healthy elderly men. <i>FASEB Journal</i> , 2020, 34, 6418-6436.	0.5	46
81	Local biochemical and morphological differences in human Achilles tendinopathy: a case control study. <i>BMC Musculoskeletal Disorders</i> , 2012, 13, 53.	1.9	45
82	Early development of tendinopathy in humans: Sequence of pathological changes in structure and tissue turnover signaling. <i>FASEB Journal</i> , 2020, 34, 776-788.	0.5	45
83	Low tendon stiffness and abnormal ultrastructure distinguish classic Ehlers-Danlos syndrome from benign joint hypermobility syndrome in patients. <i>FASEB Journal</i> , 2014, 28, 4668-4676.	0.5	44
84	mTORC2 and AMPK differentially regulate muscle triglyceride content via Perilipin 3. <i>Molecular Metabolism</i> , 2016, 5, 646-655.	6.5	44
85	Carbon-14 bomb pulse dating shows that tendinopathy is preceded by years of abnormally high collagen turnover. <i>FASEB Journal</i> , 2018, 32, 4763-4775.	0.5	42
86	Regulation of VEGF and bFGF mRNA expression and other proliferative compounds in skeletal muscle cells. <i>Angiogenesis</i> , 2004, 7, 255-267.	7.2	41
87	Activated Protein Synthesis and Suppressed Protein Breakdown Signaling in Skeletal Muscle of Critically Ill Patients. <i>PLoS ONE</i> , 2011, 6, e18090.	2.5	41
88	Local NSAID infusion does not affect protein synthesis and gene expression in human muscle after eccentric exercise. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2011, 21, 630-644.	2.9	40
89	Blockades of mitogen-activated protein kinase and calcineurin both change fibre-type markers in skeletal muscle culture. <i>Pflugers Archiv European Journal of Physiology</i> , 2002, 445, 437-443.	2.8	39
90	Myogenin induces higher oxidative capacity in pre-existing mouse muscle fibres after somatic DNA transfer. <i>Journal of Physiology</i> , 2003, 548, 259-269.	2.9	37

#	ARTICLE	IF	CITATIONS
91	Metallothionein-mediated antioxidant defense system and its response to exercise training are impaired in human type 2 diabetes. <i>Diabetes</i> 2005;54:3089-3094. <i>Diabetes</i> , 2005, 54, 3089-3094.	0.6	36
92	Lack of muscle fibre hypertrophy, myonuclear addition, and satellite cell pool expansion with resistance training in 83-year-old men and women. <i>Acta Physiologica</i> , 2019, 227, e13271.	3.8	36
93	Light-load resistance exercise increases muscle protein synthesis and hypertrophy signaling in elderly men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017, 312, E326-E338.	3.5	35
94	Effect of growth hormone on aging connective tissue in muscle and tendon: gene expression, morphology, and function following immobilization and rehabilitation. <i>Journal of Applied Physiology</i> , 2014, 116, 192-203.	2.5	34
95	Skeletal muscle morphology and regulatory signalling in endurance-trained and sedentary individuals: The influence of ageing. <i>Experimental Gerontology</i> , 2017, 93, 54-67.	2.8	34
96	Lack of AMPK β 2 enhances pyruvate dehydrogenase activity during exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 293, E1242-E1249.	3.5	33
97	Contraction-induced lipolysis is not impaired by inhibition of hormone-sensitive lipase in skeletal muscle. <i>Journal of Physiology</i> , 2013, 591, 5141-5155.	2.9	33
98	Molecular indicators of denervation in aging human skeletal muscle. <i>Muscle and Nerve</i> , 2019, 60, 453-463.	2.2	33
99	Heat shock protein translocation and expression response is attenuated in response to repeated eccentric exercise. <i>Acta Physiologica</i> , 2009, 196, 283-293.	3.8	32
100	Inducible deletion of skeletal muscle AMPK β 2 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.	6.5	32
101	Effect of sex differences on human MEF2 regulation during endurance exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 294, E408-E415.	3.5	31
102	No inflammatory gene-expression response to acute exercise in human Achilles tendinopathy. <i>European Journal of Applied Physiology</i> , 2013, 113, 2101-2109.	2.5	31
103	A regulatory element in the CHA1 promoter which confers inducibility by serine and threonine on <i>Saccharomyces cerevisiae</i> genes. <i>Molecular and Cellular Biology</i> , 1993, 13, 7604-7611.	2.3	30
104	Regulation of oxidative enzyme activity and eukaryotic elongation factor 2 in human skeletal muscle: influence of gender and exercise. <i>Acta Physiologica Scandinavica</i> , 2005, 184, 215-224.	2.2	30
105	An anti-inflammatory phenotype in visceral adipose tissue of old lean mice, augmented by exercise. <i>Scientific Reports</i> , 2019, 9, 12069.	3.3	30
106	Key Components of Human Myofibre Denervation and Neuromuscular Junction Stability are Modulated by Age and Exercise. <i>Cells</i> , 2020, 9, 893.	4.1	30
107	Effect of acute exercise on patella tendon protein synthesis and gene expression. <i>SpringerPlus</i> , 2013, 2, 109.	1.2	29
108	Leukemia inhibitory factor increases glucose uptake in mouse skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 309, E142-E153.	3.5	28

#	ARTICLE	IF	CITATIONS
109	Preserved skeletal muscle protein anabolic response to acute exercise and protein intake in well-treated rheumatoid arthritis patients. <i>Arthritis Research and Therapy</i> , 2015, 17, 271.	3.5	28
110	AMPK $\hat{\pm}$ 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-E914.	3.5	28
111	AMPK and Insulin Action - Responses to Ageing and High Fat Diet. <i>PLoS ONE</i> , 2013, 8, e62338.	2.5	28
112	An advanced glycation endproduct (<sc>AGE</sc>)â€rich diet promotes accumulation of <sc>AGE</sc>s in Achilles tendon. <i>Physiological Reports</i> , 2017, 5, e13215.	1.7	27
113	Effects of anti-inflammatory (NSAID) treatment on human tendinopathic tissue. <i>Journal of Applied Physiology</i> , 2017, 123, 1397-1405.	2.5	27
114	Gene gun bombardment-mediated expression and translocation of EGFP-tagged GLUT4 in skeletal muscle fibres in vivo. <i>Pflugers Archiv European Journal of Physiology</i> , 2002, 444, 710-721.	2.8	26
115	Positive muscle protein net balance and differential regulation of atrogene expression after resistance exercise and milk protein supplementation. <i>European Journal of Nutrition</i> , 2014, 53, 321-333.	3.9	26
116	Macrophage Subpopulations and the Acute Inflammatory Response of Elderly Human Skeletal Muscle to Physiological Resistance Exercise. <i>Frontiers in Physiology</i> , 2020, 11, 811.	2.8	26
117	Tendon collagen synthesis declines with immobilization in elderly humans: no effect of anti-inflammatory medication. <i>Journal of Applied Physiology</i> , 2017, 122, 273-282.	2.5	25
118	$\hat{2}$ -Actin shows limited mobility and is required only for supraphysiological insulin-stimulated glucose transport in young adult soleus muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2018, 315, E110-E125.	3.5	25
119	Thyroid hormone receptor $\hat{1}$ in skeletal muscle is essential for T3â€mediated increase in energy expenditure. <i>FASEB Journal</i> , 2020, 34, 15480-15491.	0.5	25
120	Systemic stiffening of mouse tail tendon is related to dietary advanced glycation end products but not high-fat diet or cholesterol. <i>Journal of Applied Physiology</i> , 2014, 117, 840-847.	2.5	24
121	Chronic alterations in growth hormone/insulin-like growth factor-I signaling lead to changes in mouse tendon structure. <i>Matrix Biology</i> , 2014, 34, 96-104.	3.6	24
122	Skeletal muscle mitochondrial function in polycystic ovarian syndrome. <i>European Journal of Endocrinology</i> , 2011, 165, 631-637.	3.7	23
123	Resistance exercise, but not endurance exercise, induces IKK $\hat{2}$ phosphorylation in human skeletal muscle of training-accustomed individuals. <i>Pflugers Archiv European Journal of Physiology</i> , 2013, 465, 1785-1795.	2.8	23
124	Skeletal muscle adaptation to immobilization and subsequent retraining in elderly men: No effect of anti-inflammatory medication. <i>Experimental Gerontology</i> , 2016, 82, 8-18.	2.8	22
125	Exercise-induced regulation of matrix metalloproteinases in the skeletal muscle of subjects with type 2 diabetes. <i>Diabetes and Vascular Disease Research</i> , 2014, 11, 324-334.	2.0	21
126	Satellite cell response to erythropoietin treatment and endurance training in healthy young men. <i>Journal of Physiology</i> , 2016, 594, 727-743.	2.9	21

#	ARTICLE	IF	CITATIONS
127	Gene expression of myogenic factors and phenotype-specific markers in electrically stimulated muscle of paraplegics. <i>Journal of Applied Physiology</i> , 2005, 99, 164-172.	2.5	20
128	Changed mitochondrial function by pre- and/or postpartum diet alterations in sheep. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 297, E1349-E1357.	3.5	20
129	Gene expression in distinct regions of rat tendons in response to jump training combined with anabolic androgenic steroid administration. <i>European Journal of Applied Physiology</i> , 2012, 112, 1505-1515.	2.5	20
130	A Regulatory Element in the <i>CHA1</i> Promoter Which Confers Inducibility by Serine and Threonine on <i>Saccharomyces cerevisiae</i> Genes. <i>Molecular and Cellular Biology</i> , 1993, 13, 7604-7611.	2.3	20
131	Local trauma in human patellar tendon leads to widespread changes in the tendon gene expression. <i>Journal of Applied Physiology</i> , 2016, 120, 1000-1010.	2.5	19
132	Partial Disruption of Lipolysis Increases Postexercise Insulin Sensitivity in Skeletal Muscle Despite Accumulation of DAG. <i>Diabetes</i> , 2016, 65, 2932-2942.	0.6	19
133	Coordinated increase in skeletal muscle fiber area and expression of IGF-I with resistance exercise in elderly post-operative patients. <i>Growth Hormone and IGF Research</i> , 2010, 20, 134-140.	1.1	18
134	Age and prior exercise in vivo determine the subsequent in vitro molecular profile of myoblasts and nonmyogenic cells derived from human skeletal muscle. <i>American Journal of Physiology - Cell Physiology</i> , 2019, 316, C898-C912.	4.6	18
135	Simvastatin and atorvastatin reduce the mechanical properties of tendon constructs in vitro and introduce catabolic changes in the gene expression pattern. <i>PLoS ONE</i> , 2017, 12, e0172797.	2.5	18
136	Losartan has no additive effect on the response to heavy-resistance exercise in human elderly skeletal muscle. <i>Journal of Applied Physiology</i> , 2018, 125, 1536-1554.	2.5	16
137	The effect of resistance exercise upon age-related systemic and local skeletal muscle inflammation. <i>Experimental Gerontology</i> , 2019, 121, 19-32.	2.8	16
138	The activity of satellite cells and myonuclei following 8 weeks of strength training in young men with suppressed testosterone levels. <i>Acta Physiologica</i> , 2015, 213, 676-687.	3.8	15
139	Insulin-stimulated glucose uptake partly relies on p21-activated kinase (PAK)2, but not PAK1, in mouse skeletal muscle. <i>Journal of Physiology</i> , 2020, 598, 5351-5377.	2.9	15
140	Preserved stem cell content and innervation profile of elderly human skeletal muscle with lifelong recreational exercise. <i>Journal of Physiology</i> , 2022, 600, 1969-1989.	2.9	15
141	The heat shock protein response following eccentric exercise in human skeletal muscle is unaffected by local NSAID infusion. <i>European Journal of Applied Physiology</i> , 2013, 113, 1883-1893.	2.5	14
142	Immobilization Decreases FOXO3a Phosphorylation and Increases Autophagy-Related Gene and Protein Expression in Human Skeletal Muscle. <i>Frontiers in Physiology</i> , 2019, 10, 736.	2.8	14
143	Neuromuscular Electrical Stimulation Preserves Leg Lean Mass in Geriatric Patients. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 773-784.	0.4	14
144	Myogenic, matrix, and growth factor mRNA expression in human skeletal muscle: Effect of contraction intensity and feeding. <i>Muscle and Nerve</i> , 2013, 47, 748-759.	2.2	13

#	ARTICLE	IF	CITATIONS
145	Rac1 in Muscle Is Dispensable for Improved Insulin Action After Exercise in Mice. <i>Endocrinology</i> , 2016, 157, 3009-3015.	2.8	13
146	Effect of light-load resistance exercise on postprandial amino acid transporter expression in elderly men. <i>Physiological Reports</i> , 2017, 5, e13444.	1.7	13
147	Impact of habituated dietary protein intake on fasting and postprandial whole-body protein turnover and splanchnic amino acid metabolism in elderly men: a randomized, controlled, crossover trial. <i>American Journal of Clinical Nutrition</i> , 2020, 112, 1468-1484.	4.7	13
148	No Treatment Benefits of Local Administration of Insulin-like Growth Factor-1 in Addition to Heavy Slow Resistance Training in Tendinopathic Human Patellar Tendons: A Randomized, Double-Blind, Placebo-Controlled Trial With 1-Year Follow-up. <i>American Journal of Sports Medicine</i> , 2021, 49, 2361-2370.	4.2	13
149	Effects of 2-weeks lower limb immobilization and two separate rehabilitation regimens on gastrocnemius muscle protein turnover signaling and normalization genes. <i>BMC Research Notes</i> , 2012, 5, 166.	1.4	12
150	Four weeks one-leg training and high fat diet does not alter PPAR α protein or mRNA expression in human skeletal muscle. <i>European Journal of Applied Physiology</i> , 2007, 101, 105-114.	2.5	11
151	Effect of Losartan on the Acute Response of Human Elderly Skeletal Muscle to Exercise. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 225-235.	0.4	11
152	Early Growth Response Genes Increases Rapidly After Mechanical Overloading and Unloading in Tendon Constructs. <i>Journal of Orthopaedic Research</i> , 2020, 38, 173-181.	2.3	11
153	No detectable remodelling in adult human menisci: an analysis based on the C ¹⁴ bomb pulse. <i>British Journal of Sports Medicine</i> , 2020, 54, 1433-1437.	6.7	11
154	Direct small molecule ADaM-site AMPK activators reveal an AMPK β -independent mechanism for blood glucose lowering. <i>Molecular Metabolism</i> , 2021, 51, 101259.	6.5	10
155	The Importance of Internal Controls in mRNA Quantification. <i>Journal of Applied Physiology</i> , 2001, 90, 401-402.	2.5	9
156	GH receptor blocker administration and muscle tendon collagen synthesis in humans. <i>Growth Hormone and IGF Research</i> , 2011, 21, 140-145.	1.1	9
157	LPS-induced cytokine production in the monocytic cell line THP-1 determined by multiple quantitative competitive PCR (QC-PCR). <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2002, 62, 405-412.	1.2	8
158	Muscle satellite cell content and mRNA signaling in germ cell cancer patients effects of chemotherapy and resistance training. <i>Acta Oncologica</i> , 2016, 55, 1246-1250.	1.8	8
159	Cellular homeostatic tension and force transmission measured in human engineered tendon. <i>Journal of Biomechanics</i> , 2018, 78, 161-165.	2.1	8
160	Muscle strain injury exudate favors acute tissue healing and prolonged connective tissue formation in humans. <i>FASEB Journal</i> , 2019, 33, 10369-10382.	0.5	8
161	Investigating circadian clock gene expression in human tendon biopsies from acute exercise and immobilization studies. <i>European Journal of Applied Physiology</i> , 2019, 119, 1387-1394.	2.5	8
162	Existence of life-time stable proteins in mature rats Dating of proteins age by repeated short-term exposure to labeled amino acids throughout age. <i>PLoS ONE</i> , 2017, 12, e0185605.	2.5	8

#	ARTICLE	IF	CITATIONS
163	T-Cell Mean Telomere Lengths Changes in Treatment Na ⁺ -ve HIV-Infected Patients Randomized to G-CSF or Placebo Simultaneously with Initiation of HAART. <i>Scandinavian Journal of Immunology</i> , 2001, 54, 301-305.	2.7	7
164	No donor age effect of human serum on collagen synthesis signaling and cell proliferation of human tendon fibroblasts. <i>Mechanisms of Ageing and Development</i> , 2012, 133, 246-254.	4.6	7
165	Impaired collagen synthesis in the rectum may be a molecular target in anastomotic leakage prophylaxis. <i>Wound Repair and Regeneration</i> , 2017, 25, 532-535.	3.0	7
166	Quantification of cell density in rat Achilles tendon: development and application of a new method. <i>Histochemistry and Cell Biology</i> , 2017, 147, 97-102.	1.7	7
167	The influence of direct and indirect fibroblast cell contact on human myogenic cell behavior and gene expression in vitro. <i>Journal of Applied Physiology</i> , 2019, 127, 342-355.	2.5	7
168	A Human Cellular Model for Colorectal Anastomotic Repair: The Effect of Localization and Transforming Growth Factor- β 21 Treatment on Collagen Deposition and Biomarkers. <i>International Journal of Molecular Sciences</i> , 2021, 22, 1616.	4.1	7
169	Proliferation and telomere length in acutely mobilized blood mononuclear cells in HIV infected patients. <i>Clinical and Experimental Immunology</i> , 2002, 127, 499-506.	2.6	6
170	Acquired Localized Cutis Laxa due to Increased Elastin Turnover. <i>Case Reports in Dermatology</i> , 2016, 8, 42-51.	0.8	6
171	AXIN1 knockout does not alter AMPK/mTORC1 regulation and glucose metabolism in mouse skeletal muscle. <i>Journal of Physiology</i> , 2021, 599, 3081-3100.	2.9	6
172	RNA sequencing and immunofluorescence of the myotendinous junction of mature horses and humans. <i>American Journal of Physiology - Cell Physiology</i> , 2021, 321, C453-C470.	4.6	6
173	Effects of G-CSF on Telomere Lengths in PBMCs from Human Immunodeficiency Virus-Infected Patients: Results From a Randomized, Placebo-Controlled Trial. <i>Scandinavian Journal of Immunology</i> , 2000, 52, 212-216.	2.7	5
174	Collagens in primary frozen shoulder: expression of collagen mRNA isoforms in the different phases of the disease. <i>Rheumatology</i> , 2021, 60, 3879-3887.	1.9	5
175	Spatial expression of metallothionein, matrix metalloproteinase-1 and Ki-67 in human epidermal wounds treated with zinc and determined by quantitative immunohistochemistry: A randomised double-blind trial. <i>European Journal of Cell Biology</i> , 2021, 100, 151147.	3.6	5
176	Collagen content in the vastus lateralis and the soleus muscle following a 90-day bed rest period with or without resistance exercises. <i>Muscles, Ligaments and Tendons Journal</i> , 2015, 5, 305-9.	0.3	5
177	Gene doping. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2008, 18, 121-122.	2.9	4
178	Skeletal muscle morphology, protein synthesis, and gene expression in Ehlers-Danlos syndrome. <i>Journal of Applied Physiology</i> , 2017, 123, 482-488.	2.5	4
179	Influence of the integrin alpha-1 subunit and its relationship with high-fat diet upon extracellular matrix synthesis in skeletal muscle and tendon. <i>Cell and Tissue Research</i> , 2020, 381, 177-187.	2.9	4
180	Human skeletal muscle acetylcholine receptor gene expression in elderly males performing heavy resistance exercise. <i>American Journal of Physiology - Cell Physiology</i> , 2022, 323, C159-C169.	4.6	4

#	ARTICLE	IF	CITATIONS
181	Regional differences in turnover, composition, and mechanics of the porcine flexor tendon. <i>Connective Tissue Research</i> , 2020, 61, 475-484.	2.3	3
182	Collagen content in the vastus lateralis and the soleus muscle following a 90-day bed rest period with or without resistance exercises. <i>Muscles, Ligaments and Tendons Journal</i> , 2019, 05, 305.	0.3	3
183	Gene deletion of β -actin impairs insulin-stimulated skeletal muscle glucose uptake in growing mice but not in mature adult mice. <i>Physiological Reports</i> , 2022, 10, e15183.	1.7	3
184	The regional turnover of cartilage collagen matrix in late-stage human knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 886-895.	1.3	3
185	Human derived tendon cells contribute to myotube formation in vitro. <i>Experimental Cell Research</i> , 2022, 417, 113164.	2.6	3
186	Effects of Subcutaneous IL-2 Therapy on Telomere Lengths in PBMC in HIV-Infected Patients. <i>Scandinavian Journal of Immunology</i> , 2001, 53, 315-319.	2.7	2
187	Validation of the α -IDS ELISA for the determination of insulin-like growth factor 1 in equine serum and tendon tissue extracts. <i>Veterinary Clinical Pathology</i> , 2013, 42, 184-189.	0.7	2
188	Serum insulin-like growth factor 1 in the aging horse. <i>Veterinary Clinical Pathology</i> , 2014, 43, 557-560.	0.7	2
189	Alterations in molecular muscle mass regulators after 8 days immobilizing Special Forces mission. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015, 25, 175-183.	2.9	2
190	Gene expression profiling in patients with polymyalgia rheumatica before and after symptom-abolishing glucocorticoid treatment. <i>BMC Musculoskeletal Disorders</i> , 2017, 18, 341.	1.9	2
191	Response to resistance training following immobilization-Influence of delaying post-exercise meal. <i>Translational Sports Medicine</i> , 2018, 1, 191-203.	1.1	2
192	Glucagon-Like Peptide-2 Analogue ZP1849 Augments Colonic Anastomotic Wound Healing. <i>Gastroenterology Research and Practice</i> , 2020, 2020, 1-9.	1.5	2
193	Collagen Growth Pattern in Human Articular Cartilage of the Knee. <i>Cartilage</i> , 2020, , 194760352097101.	2.7	2
194	Postprandial muscle protein synthesis rate is unaffected by 20-day habituation to a high protein intake: a randomized controlled, crossover trial. <i>European Journal of Nutrition</i> , 2021, 60, 4307-4319.	3.9	2
195	Impaired skeletal muscle hypertrophy signaling and amino acid deprivation response in Apoe knockout mice with an unhealthy lipoprotein distribution. <i>Scientific Reports</i> , 2021, 11, 16423.	3.3	2
196	Mutual stimulatory signaling between human myogenic cells and rat cerebellar neurons. <i>Physiological Reports</i> , 2021, 9, e15077.	1.7	2
197	Nestin and osteocrin mRNA increases in human semitendinosus myotendinous junction 7 days after a single bout of eccentric exercise. <i>Histochemistry and Cell Biology</i> , 2022, , 1.	1.7	1
198	S8.17 siRNA knock-down of creatine kinase in rat primary myotube culture. <i>Biochimica Et Biophysica Acta - Bioenergetics</i> , 2008, 1777, S52.	1.0	0

#	ARTICLE	IF	CITATIONS
199	Rapid Rise in Protein Degradation Pathways in Immobilized Skeletal Muscle Of Elderly Humans. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 414.	0.4	0
200	A possible role of MAP-1 in skeletal muscle regeneration. <i>Immunobiology</i> , 2012, 217, 1130.	1.9	0
201	Early Signs Of Extra Cellular Matrix Remodeling After Immobilization In Old And Young Human Individuals. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 850.	0.4	0
202	Radiocarbon dating of human articular cartilage shows minimal collagen turnover after maturity in both healthy and osteoarthritic tissue. <i>Osteoarthritis and Cartilage</i> , 2016, 24, S146-S147.	1.3	0
203	Does Habituation To High Protein Intake Affect Amino Acid Handling?. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 838.	0.4	0
204	Effect Of An Unhealthy Lipoprotein Distribution On Muscle Protein Synthesis Response To Whey Protein Feeding. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 838.	0.4	0
205	Growth Hormone supplementation upregulates collagen expression in human muscle and tendon. <i>FASEB Journal</i> , 2008, 22, 1188.6.	0.5	0
206	Expression of anabolic factors and extra-cellular matrix related factors in rat tendon and skeletal muscle in response to different types of muscle contractions. <i>FASEB Journal</i> , 2008, 22, 753.26.	0.5	0
207	The effect of Insulin Like Growth Factor I on matrix synthesis in engineered human tendon tissue. <i>FASEB Journal</i> , 2013, 27, 713.9.	0.5	0
208	Human Achilles tendon: Absence of renewal during adult life revealed by nuclear bomb 14C. <i>FASEB Journal</i> , 2013, 27, 749.13.	0.5	0
209	Leukemia inhibitory factor stimulates muscle glucose uptake by a PI3-kinase dependent pathway that is maintained in white muscle in obesity (1162.4). <i>FASEB Journal</i> , 2014, 28, 1162.4.	0.5	0