

Peter Schjerling

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.

201
papers

11,634
citations

56
h-index

104
g-index

212
ext. papers

12,809
ext. citations

4
avg. IF

5.93
L-index

#	Paper	IF	Citations
201	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	2.6	1
200	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	2.4	0
199	CRedit author statement (Author contributions)Yoshifumi Tsuchiya: Conceptualization, Methodology, Validation, Formal analysis, Investigation, Resources, Writing - original draft, Visualization, Supervision, Project administration, Funding acquisition. Monika Lucia Bayer: Investigation, Resources, Peter Schjerling: Investigation, Writing - review & editing, Casper	4.2	0
198	Mutual stimulatory signaling between human myogenic cells and rat cerebellar neurons. <i>Physiological Reports</i> , 2021 , 9, e15077	2.6	1
197	Collagens in primary frozen shoulder: expression of collagen mRNA isoforms in the different phases of the disease. <i>Rheumatology</i> , 2021 , 60, 3879-3887	3.9	2
196	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	6.1	1
195	AXIN1 knockout does not alter AMPK/mTORC1 regulation and glucose metabolism in mouse skeletal muscle. <i>Journal of Physiology</i> , 2021 , 599, 3081-3100	3.9	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	5.2	
193	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	6.8	5
192	A Human Cellular Model for Colorectal Anastomotic Repair: The Effect of Localization and Transforming Growth Factor- β Treatment on Collagen Deposition and Biomarkers. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	2
191	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	4.9	
190	Direct small molecule ADaM-site AMPK activators reveal an AMPK β -independent mechanism for blood glucose lowering. <i>Molecular Metabolism</i> , 2021 , 51, 101259	8.8	1
189	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	5.4	1
188	Glucagon-Like Peptide-2 Analogue ZP1849 Augments Colonic Anastomotic Wound Healing. <i>Gastroenterology Research and Practice</i> , 2020 , 2020, 8460508	2	0
187	Collagen Growth Pattern in Human Articular Cartilage of the Knee. <i>Cartilage</i> , 2020 , 1947603520971016	3	1
186	No detectable remodelling in adult human menisci: an analysis based on the C bomb pulse. <i>British Journal of Sports Medicine</i> , 2020 , 54, 1433-1437	10.3	8
185	Inducible deletion of skeletal muscle AMPK 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

184	Macrophage Subpopulations and the Acute Inflammatory Response of Elderly Human Skeletal Muscle to Physiological Resistance Exercise. <i>Frontiers in Physiology</i> , 2020 , 11, 811	4.6	12
183	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	0.9	20
182	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	4.2	1
181	Early Growth Response Genes Increases Rapidly After Mechanical Overloading and Unloading in Tendon Constructs. <i>Journal of Orthopaedic Research</i> , 2020 , 38, 173-181	3.8	6
180	Neuromuscular Electrical Stimulation Preserves Leg Lean Mass in Geriatric Patients. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 773-784	1.2	8
179	Early development of tendinopathy in humans: Sequence of pathological changes in structure and tissue turnover signaling. <i>FASEB Journal</i> , 2020 , 34, 776-788	0.9	25
178	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	7	9
177	Thyroid hormone receptor β in skeletal muscle is essential for T3-mediated increase in energy expenditure. <i>FASEB Journal</i> , 2020 , 34, 15480-15491	0.9	10
176	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	3.9	10
175	Regional differences in turnover, composition, and mechanics of the porcine flexor tendon. <i>Connective Tissue Research</i> , 2020 , 61, 475-484	3.3	3
174	Key Components of Human Myofibre Denervation and Neuromuscular Junction Stability are Modulated by Age and Exercise. <i>Cells</i> , 2020 , 9,	7.9	14
173	Muscle-strain injury exudate favors acute tissue healing and prolonged connective tissue formation in humans. <i>FASEB Journal</i> , 2019 , 33, 10369-10382	0.9	6
172	Immobilization Decreases FOXO3a Phosphorylation and Increases Autophagy-Related Gene and Protein Expression in Human Skeletal Muscle. <i>Frontiers in Physiology</i> , 2019 , 10, 736	4.6	9
171	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	3.7	4
170	Lack of muscle fibre hypertrophy, myonuclear addition, and satellite cell pool expansion with resistance training in 83-94-year-old men and women. <i>Acta Physiologica</i> , 2019 , 227, e13271	5.6	18
169	The effect of resistance exercise upon age-related systemic and local skeletal muscle inflammation. <i>Experimental Gerontology</i> , 2019 , 121, 19-32	4.5	10
168	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	5.4	12
167	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	3.4	2

166	An anti-inflammatory phenotype in visceral adipose tissue of old lean mice, augmented by exercise. <i>Scientific Reports</i> , 2019 , 9, 12069	4.9	18
165	Molecular indicators of denervation in aging human skeletal muscle. <i>Muscle and Nerve</i> , 2019 , 60, 453-463	3.4	19
164	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	1.9	3
163	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	1.2	6
162	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	6	14
161	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	0.9	20
160	Cellular homeostatic tension and force transmission measured in human engineered tendon. <i>Journal of Biomechanics</i> , 2018 , 78, 161-165	2.9	6
159	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	3.7	9
158	Does Habituation To High Protein Intake Affect Amino Acid Handling?. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 838	1.2	
157	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	1.2	
156	Response to resistance training following immobilization. Influence of delaying post-exercise meal. <i>Translational Sports Medicine</i> , 2018 , 1, 191-203	1.3	2
155	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	0.9	37
154	Skeletal muscle morphology and regulatory signalling in endurance-trained and sedentary individuals: The influence of ageing. <i>Experimental Gerontology</i> , 2017 , 93, 54-67	4.5	25
153	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	6	22
152	Skeletal muscle morphology, protein synthesis, and gene expression in Ehlers-Danlos syndrome. <i>Journal of Applied Physiology</i> , 2017 , 123, 482-488	3.7	2
151	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	3.7	17
150	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	3.6	5
149	An advanced glycation endproduct (AGE)-rich diet promotes accumulation of AGEs in Achilles tendon. <i>Physiological Reports</i> , 2017 , 5, e13215	2.6	16

148	Effect of light-load resistance exercise on postprandial amino acid transporter expression in elderly men. <i>Physiological Reports</i> , 2017 , 5, e13444	2.6	9
147	Gene expression profiling in patients with polymyalgia rheumatica before and after symptom-abolishing glucocorticoid treatment. <i>BMC Musculoskeletal Disorders</i> , 2017 , 18, 341	2.8	1
146	Effects of anti-inflammatory (NSAID) treatment on human tendinopathic tissue. <i>Journal of Applied Physiology</i> , 2017 , 123, 1397-1405	3.7	20
145	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	2.4	5
144	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	3.7	9
143	Existence of life-time stable proteins in mature rats-Dating of proteins by repeated short-term exposure to labeled amino acids throughout age. <i>PLoS ONE</i> , 2017 , 12, e0185605	3.7	6
142	mTORC2 and AMPK differentially regulate muscle triglyceride content via Perilipin 3. <i>Molecular Metabolism</i> , 2016 , 5, 646-655	8.8	37
141	Radiocarbon dating reveals minimal collagen turnover in both healthy and osteoarthritic human cartilage. <i>Science Translational Medicine</i> , 2016 , 8, 346ra90	17.5	94
140	Acquired Localized Cutis Laxa due to Increased Elastin Turnover. <i>Case Reports in Dermatology</i> , 2016 , 8, 42-51	1.1	5
139	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	3.9	71
138	Role of AMPK in regulation of LC3 lipidation as a marker of autophagy in skeletal muscle. <i>Cellular Signalling</i> , 2016 , 28, 663-74	4.9	45
137	Satellite cell response to erythropoietin treatment and endurance training in healthy young men. <i>Journal of Physiology</i> , 2016 , 594, 727-43	3.9	16
136	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, 2266-81	0.9	56
135	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	3.2	6
134	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	4.5	18
133	Local trauma in human patellar tendon leads to widespread changes in the tendon gene expression. <i>Journal of Applied Physiology</i> , 2016 , 120, 1000-10	3.7	15
132	Rac1 in Muscle Is Dispensable for Improved Insulin Action After Exercise in Mice. <i>Endocrinology</i> , 2016 , 157, 3009-15	4.8	11
131	Partial Disruption of Lipolysis Increases Postexercise Insulin Sensitivity in Skeletal Muscle Despite Accumulation of DAG. <i>Diabetes</i> , 2016 , 65, 2932-42	0.9	18

130	Leukemia inhibitory factor increases glucose uptake in mouse skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015 , 309, E142-53	6	22
129	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	5.7	21
128	AMPKs 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
127	Does vitamin-D intake during resistance training improve the skeletal muscle hypertrophic and strength response in young and elderly men? - a randomized controlled trial. <i>Nutrition and Metabolism</i> , 2015 , 12, 32	4.6	51
126	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, 676-87	5.6	9
125	AMPKs critical for enhancing skeletal muscle fatty acid utilization during in vivo exercise in mice. <i>FASEB Journal</i> , 2015 , 29, 1725-38	0.9	55
124	Prior AICAR stimulation increases insulin sensitivity in mouse skeletal muscle in an AMPK-dependent manner. <i>Diabetes</i> , 2015 , 64, 2042-55	0.9	87
123	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, 175-83	4.6	2
122	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	1.9	4
121	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, E1099-109	6	47
120	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, 351-75	3.9	81
119	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	3.7	28
118	Acute mTOR inhibition induces insulin resistance and alters substrate utilization in vivo. <i>Molecular Metabolism</i> , 2014 , 3, 630-41	8.8	57
117	Low tendon stiffness and abnormal ultrastructure distinguish classic Ehlers-Danlos syndrome from benign joint hypermobility syndrome in patients. <i>FASEB Journal</i> , 2014 , 28, 4668-76	0.9	36
116	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	11.4	18
115	Simplified data access on human skeletal muscle transcriptome responses to differentiated exercise. <i>Scientific Data</i> , 2014 , 1, 140041	8.2	46
114	Serum insulin-like growth factor 1 in the aging horse. <i>Veterinary Clinical Pathology</i> , 2014 , 43, 557-60	1	2
113	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	3.7	46

112	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, 840-7	3.7	20
111	Vitamin D-binding protein controls T cell responses to vitamin D. <i>BMC Immunology</i> , 2014 , 15, 35	3.7	77
110	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, 324-34	3.3	14
109	Positive muscle protein net balance and differential regulation of atrogenes expression after resistance exercise and milk protein supplementation. <i>European Journal of Nutrition</i> , 2014 , 53, 321-33	5.2	24
108	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	3.7	46
107	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	0.9	
106	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	4.6	54
105	No inflammatory gene-expression response to acute exercise in human Achilles tendinopathy. <i>European Journal of Applied Physiology</i> , 2013 , 113, 2101-9	3.4	27
104	Resistance exercise, but not endurance exercise, induces IKK β phosphorylation in human skeletal muscle of training-accustomed individuals. <i>Pflügers Archiv European Journal of Physiology</i> , 2013 , 465, 1785-95	4.6	16
103	Effect of acute exercise on patella tendon protein synthesis and gene expression. <i>SpringerPlus</i> , 2013 , 2, 109		18
102	Life-long endurance exercise in humans: circulating levels of inflammatory markers and leg muscle size. <i>Mechanisms of Ageing and Development</i> , 2013 , 134, 531-40	5.6	75
101	The need for transparency and good practices in the qPCR literature. <i>Nature Methods</i> , 2013 , 10, 1063-7	21.6	197
100	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, 1883-93	3.4	12
99	Contraction-induced lipolysis is not impaired by inhibition of hormone-sensitive lipase in skeletal muscle. <i>Journal of Physiology</i> , 2013 , 591, 5141-55	3.9	31
98	LKB1 regulates lipid oxidation during exercise independently of AMPK. <i>Diabetes</i> , 2013 , 62, 1490-9	0.9	54
97	Myogenic, matrix, and growth factor mRNA expression in human skeletal muscle: effect of contraction intensity and feeding. <i>Muscle and Nerve</i> , 2013 , 47, 748-59	3.4	13
96	Rac1 is a novel regulator of contraction-stimulated glucose uptake in skeletal muscle. <i>Diabetes</i> , 2013 , 62, 1139-51	0.9	103
95	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, 3789-804	3.0	106

94	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, 1865-75	0.9	128
93	Contraction and AICAR stimulate IL-6 vesicle depletion from skeletal muscle fibers in vivo. <i>Diabetes</i> , 2013 , 62, 3081-92	0.9	40
92	Validation of the IDS Octeia ELISA for the determination of insulin-like growth factor 1 in equine serum and tendon tissue extracts. <i>Veterinary Clinical Pathology</i> , 2013 , 42, 184-9	1	2
91	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, 6039-52	3.9	39
90	Lack of tissue renewal in human adult Achilles tendon is revealed by nuclear bomb (14)C. <i>FASEB Journal</i> , 2013 , 27, 2074-9	0.9	197
89	AMPK and insulin action--responses to ageing and high fat diet. <i>PLoS ONE</i> , 2013 , 8, e62338	3.7	21
88	The effect of Insulin Like Growth Factor I on matrix synthesis in engineered human tendon tissue. <i>FASEB Journal</i> , 2013 , 27, 713.9	0.9	
87	Human Achilles tendon: Absence of renewal during adult life revealed by nuclear bomb 14C. <i>FASEB Journal</i> , 2013 , 27, 749.13	0.9	
86	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, 246-54	5.6	7
85	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, 1505-15	3.4	18
84	Local biochemical and morphological differences in human Achilles tendinopathy: a case control study. <i>BMC Musculoskeletal Disorders</i> , 2012 , 13, 53	2.8	36
83	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	2.3	7
82	Ageing affects the transcriptional regulation of human skeletal muscle disuse atrophy. <i>PLoS ONE</i> , 2012 , 7, e51238	3.7	110
81	GH receptor blocker administration and muscle-tendon collagen synthesis in humans. <i>Growth Hormone and IGF Research</i> , 2011 , 21, 140-5	2	8
80	Contraction-induced skeletal muscle FAT/CD36 trafficking and FA uptake is AMPK independent. <i>Journal of Lipid Research</i> , 2011 , 52, 699-711	6.3	59
79	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, 215-23	4.6	42
78	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, 630-44	4.6	37
77	Whey and casein labeled with L-[1-13C]leucine and muscle protein synthesis: effect of resistance exercise and protein ingestion. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2011 , 300, E231-42	6	142

76	Skeletal muscle mitochondrial function in polycystic ovarian syndrome. <i>European Journal of Endocrinology</i> , 2011 , 165, 631-7	6.5	18
75	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, 1943-59	0.9	123
74	Activated protein synthesis and suppressed protein breakdown signaling in skeletal muscle of critically ill patients. <i>PLoS ONE</i> , 2011 , 6, e18090	3.7	33
73	Growth hormone stimulates the collagen synthesis in human tendon and skeletal muscle without affecting myofibrillar protein synthesis. <i>Journal of Physiology</i> , 2010 , 588, 341-51	3.9	140
72	Mitochondrial respiration in subcutaneous and visceral adipose tissue from patients with morbid obesity. <i>Journal of Physiology</i> , 2010 , 588, 2023-32	3.9	89
71	Vitamin D controls T cell antigen receptor signaling and activation of human T cells. <i>Nature Immunology</i> , 2010 , 11, 344-9	19.1	408
70	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, 853-62	6.5	41
69	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, 134-40	2	16
68	Changed mitochondrial function by pre- and/or postpartum diet alterations in sheep. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009 , 297, E1349-57	6	18
67	Genetic impairment of AMPKalpha2 signaling does not reduce muscle glucose uptake during treadmill exercise in mice. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009 , 297, E924-34	6	76
66	Heat shock protein translocation and expression response is attenuated in response to repeated eccentric exercise. <i>Acta Physiologica</i> , 2009 , 196, 283-93	5.6	30
65	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, 1145-52	12.7	55
64	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, 178-86	3.7	105
63	Effect of sex differences on human MEF2 regulation during endurance exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008 , 294, E408-15	6	27
62	AMPK alpha1 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	3.7	71
61	Effects of concentric and repeated eccentric exercise on muscle damage and calpain-calpastatin gene expression in human skeletal muscle. <i>European Journal of Applied Physiology</i> , 2008 , 103, 323-32	3.4	46
60	Growth Hormone supplementation up-regulates collagen expression in human muscle and tendon. <i>FASEB Journal</i> , 2008 , 22, 1188.6	0.9	
59	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	0.9	

58	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, 1513-22	3.7	45
57	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, 579-93	3.9	50
56	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, 1303-16	3.9	194
55	Patients with type 2 diabetes have normal mitochondrial function in skeletal muscle. <i>Diabetologia</i> , 2007 , 50, 790-6	10.3	401
54	Four weeks one-leg training and high fat diet does not alter PPARalpha protein or mRNA expression in human skeletal muscle. <i>European Journal of Applied Physiology</i> , 2007 , 101, 105-14	3.4	10
53	Lack of AMPKalpha2 enhances pyruvate dehydrogenase activity during exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007 , 293, E1242-9	6	28
52	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, R844-53	3.2	111
51	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, E1308-17	6	161
50	Role of AMPKalpha2 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, E331-9	6	140
49	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, 564-72	3.7	51
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