

Michael Kjaer

List of Publications by Year in descending order

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Version: 2024-02-01

330
papers

20,566
citations

8208

78
h-index

15253

130
g-index

345
all docs

345
docs citations

345
times ranked

18564
citing authors

#	ARTICLE	IF	CITATIONS
1	Meeting Report: Aging Research and Drug Discovery. <i>Aging</i> , 2022, 14, 530-543.	1.4	4
2	The proteomic profile of the human myotendinous junction. <i>IScience</i> , 2022, 25, 103836.	1.9	13
3	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.	1.3	15
4	The regional turnover of cartilage collagen matrix in late-stage human knee osteoarthritis. <i>Osteoarthritis and Cartilage</i> , 2022, 30, 886-895.	0.6	3
5	Autophagy guards tendon homeostasis. <i>Cell Death and Disease</i> , 2022, 13, 402.	2.7	4
6	Circadian regulation of protein cargo in extracellular vesicles. <i>Science Advances</i> , 2022, 8, eabc9061.	4.7	26
7	Human derived tendon cells contribute to myotube formation in vitro. <i>Experimental Cell Research</i> , 2022, 417, 113164.	1.2	3
8	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.	2.1	4
9	Persistent Deficits after an Achilles Tendon Rupture: A Narrative Review. <i>Translational Sports Medicine</i> , 2022, 2022, 1-7.	0.5	4
10	Effect of Ultrasonography-Guided Corticosteroid Injection vs Placebo Added to Exercise Therapy for Achilles Tendinopathy. <i>JAMA Network Open</i> , 2022, 5, e2219661.	2.8	11
11	UTE T2* mapping of tendinopathic patellar tendons: an MRI reproducibility study. <i>Acta Radiologica</i> , 2021, 62, 215-224.	0.5	11
12	Age-related myofiber atrophy in old mice is reversed by ten weeks voluntary high-resistance wheel running. <i>Experimental Gerontology</i> , 2021, 143, 111150.	1.2	7
13	Adipocytes are present at human and murine myotendinous junctions. <i>Translational Sports Medicine</i> , 2021, 4, 223-230.	0.5	3
14	How Do We Explore Heterogeneity in Turnover of Musculoskeletal Proteins?. <i>Function</i> , 2021, 2, zqab034.	1.1	0
15	Clinical Outcomes, Structure, and Function Improve With Both Heavy and Moderate Loads in the Treatment of Patellar Tendinopathy: A Randomized Clinical Trial. <i>American Journal of Sports Medicine</i> , 2021, 49, 982-993.	1.9	31
16	Magnetic Resonance T_2^* Is Increased in Patients With Early-Stage Achilles and Patellar Tendinopathy. <i>Journal of Magnetic Resonance Imaging</i> , 2021, 54, 832-839.	1.9	8
17	Exercise in patients with hip osteoarthritis – effects on muscle and functional performance: A randomized trial. <i>Physiotherapy Theory and Practice</i> , 2021, , 1-12.	0.6	5
18	Resting in bed – how quickly does the muscle lose its nerve?. <i>Journal of Physiology</i> , 2021, 599, 2995-2996.	1.3	2

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19	Chronic hyperglycemia, hypercholesterolemia, and metabolic syndrome are associated with risk of tendon injury. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021, 31, 1822-1831.	1.3	10
20	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.	1.9	13
21	Chronic Sequelae After Muscle Strain Injuries: Influence of Heavy Resistance Training on Functional and Structural Characteristics in a Randomized Controlled Trial. <i>American Journal of Sports Medicine</i> , 2021, 49, 2783-2794.	1.9	4
22	Mechanical properties and UTE ϵ 2* in Patellar tendinopathy: The effect of load magnitude in exercise-based treatment. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2021, 31, 1981-1990.	1.3	4
23	Tendon blood flow, angiogenesis, and tendinopathy pathogenesis. <i>Translational Sports Medicine</i> , 2021, 4, 756-771.	0.5	5
24	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.	2.1	6
25	Right-left asymmetry in corticospinal tract microstructure and dexterity are uncoupled in late adulthood. <i>NeuroImage</i> , 2021, 240, 118405.	2.1	5
26	Habitual side-specific loading leads to structural, mechanical, and compositional changes in the patellar tendon of young and senior lifelong male athletes. <i>Journal of Applied Physiology</i> , 2021, 131, 1187-1199.	1.2	6
27	Mechanical properties of human patellar tendon collagen fibrils. An exploratory study of aging and sex. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 124, 104864.	1.5	12
28	Mutual stimulatory signaling between human myogenic cells and rat cerebellar neurons. <i>Physiological Reports</i> , 2021, 9, e15077.	0.7	2
29	Different training responses in elderly men and women following a prolonged muscle resistance training intervention. <i>Translational Sports Medicine</i> , 2021, 4, 892-899.	0.5	2
30	Musculoskeletal sports medicine injuries in special operations forces soldiers. <i>Translational Sports Medicine</i> , 2021, 4, 872-881.	0.5	0
31	Editorial: Trends in Muscle and Tendon Molecular and Cell Biology. <i>Frontiers in Physiology</i> , 2021, 12, 832613.	1.3	1
32	Regional differences in turnover, composition, and mechanics of the porcine flexor tendon. <i>Connective Tissue Research</i> , 2020, 61, 475-484.	1.1	3
33	The effect of 4 months exercise training on systemic biomarkers of cartilage and bone turnover in hip osteoarthritis patients. <i>Translational Sports Medicine</i> , 2020, 3, 16-25.	0.5	0
34	Early Growth Response Genes Increases Rapidly After Mechanical Overloading and Unloading in Tendon Constructs. <i>Journal of Orthopaedic Research</i> , 2020, 38, 173-181.	1.2	11
35	Heterotopic Ossification After an Achilles Tendon Rupture Cannot Be Prevented by Early Functional Rehabilitation: A Cohort Study. <i>Clinical Orthopaedics and Related Research</i> , 2020, 478, 1101-1108.	0.7	10
36	Neuromuscular Electrical Stimulation Preserves Leg Lean Mass in Geriatric Patients. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 773-784.	0.2	14

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37	Early development of tendinopathy in humans: Sequence of pathological changes in structure and tissue turnover signaling. <i>FASEB Journal</i> , 2020, 34, 776-788.	0.2	45
38	Maintenance of muscle strength following a one-year resistance training program in older adults. <i>Experimental Gerontology</i> , 2020, 139, 111049.	1.2	7
39	Marfan syndrome and exercise: A literature review. <i>Translational Sports Medicine</i> , 2020, 3, 526-535.	0.5	1
40	Comparison of Tenocyte Populations from the Core and Periphery of Equine Tendons. <i>Journal of Proteome Research</i> , 2020, 19, 4137-4144.	1.8	4
41	Proteomics identifies differences in fibrotic potential of extracellular vesicles from human tendon and muscle fibroblasts. <i>Cell Communication and Signaling</i> , 2020, 18, 177.	2.7	13
42	Collagen Growth Pattern in Human Articular Cartilage of the Knee. <i>Cartilage</i> , 2020, , 194760352097101.	1.4	2
43	Histology and Function of the Rectus Abdominis Muscle in Patients With Incisional Hernia. <i>Journal of Surgical Research</i> , 2020, 253, 245-251.	0.8	7
44	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.	3.1	11
45	Macrophage Subpopulations and the Acute Inflammatory Response of Elderly Human Skeletal Muscle to Physiological Resistance Exercise. <i>Frontiers in Physiology</i> , 2020, 11, 811.	1.3	26
46	The effect of low-load resistance training with blood flow restriction on chronic patellar tendinopathy – A case series. <i>Translational Sports Medicine</i> , 2020, 3, 342-352.	0.5	10
47	Regional collagen turnover and composition of the human patellar tendon. <i>Journal of Applied Physiology</i> , 2020, 128, 884-891.	1.2	12
48	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.	0.2	46
49	What is the impact of acute inflammation on muscle performance in geriatric patients?. <i>Experimental Gerontology</i> , 2020, 138, 111008.	1.2	7
50	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.	1.5	4
51	The influence of prolonged strength training upon muscle and fat in healthy and chronically diseased older adults. <i>Experimental Gerontology</i> , 2020, 136, 110939.	1.2	15
52	Key Components of Human Myofibre Denervation and Neuromuscular Junction Stability are Modulated by Age and Exercise. <i>Cells</i> , 2020, 9, 893.	1.8	30
53	The impact of loading, unloading, ageing and injury on the human tendon. <i>Journal of Physiology</i> , 2019, 597, 1283-1298.	1.3	119
54	Molecular indicators of denervation in aging human skeletal muscle. <i>Muscle and Nerve</i> , 2019, 60, 453-463.	1.0	33

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55	Why translational research?. <i>Translational Sports Medicine</i> , 2019, 2, 163-163.	0.5	0
56	Muscle strain injury exudate favors acute tissue healing and prolonged connective tissue formation in humans. <i>FASEB Journal</i> , 2019, 33, 10369-10382.	0.2	8
57	Effects of Long-Term Physical Activity and Diet on Skin Glycation and Achilles Tendon Structure. <i>Nutrients</i> , 2019, 11, 1409.	1.7	16
58	Immobilization Decreases FOXO3a Phosphorylation and Increases Autophagy-Related Gene and Protein Expression in Human Skeletal Muscle. <i>Frontiers in Physiology</i> , 2019, 10, 736.	1.3	14
59	Influence of Oral Contraceptive Use on Adaptations to Resistance Training. <i>Frontiers in Physiology</i> , 2019, 10, 824.	1.3	39
60	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.	1.2	7
61	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.	1.8	36
62	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.	2.1	18
63	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.	1.2	8
64	Copenhagen Consensus statement 2019: physical activity and ageing. <i>British Journal of Sports Medicine</i> , 2019, 53, 856-858.	3.1	145
65	The influence of fibrillin-1 and physical activity upon tendon tissue morphology and mechanical properties in mice. <i>Physiological Reports</i> , 2019, 7, e14267.	0.7	9
66	Surgical Technique Influences Rehabilitation Regimen: Response. <i>American Journal of Sports Medicine</i> , 2019, 47, NP7-NP7.	1.9	0
67	Corticosteroid injection is the best treatment in plantar fasciitis if combined with controlled training. <i>Knee Surgery, Sports Traumatology, Arthroscopy</i> , 2019, 27, 5-12.	2.3	36
68	Integrated method for quantitative morphometry and oxygen transport modeling in striated muscle. <i>Journal of Applied Physiology</i> , 2019, 126, 544-557.	1.2	29
69	Load magnitude affects patellar tendon mechanical properties but not collagen or collagen cross-linking after long-term strength training in older adults. <i>BMC Geriatrics</i> , 2019, 19, 30.	1.1	28
70	Plasticity in central neural drive with short-term disuse and recovery - effects on muscle strength and influence of aging. <i>Experimental Gerontology</i> , 2018, 106, 145-153.	1.2	14
71	Biomechanical properties of the patellar tendon in children with heritable connective tissue disorders. <i>European Journal of Applied Physiology</i> , 2018, 118, 1301-1307.	1.2	1
72	Skeletal muscle stem cell characteristics and myonuclei content in patients with rheumatoid arthritis: a cross-sectional study. <i>Rheumatology International</i> , 2018, 38, 1031-1041.	1.5	13

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73	Ibuprofen alters human testicular physiology to produce a state of compensated hypogonadism. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, E715-E724.	3.3	88
74	Can electrical stimulation enhance effects of a functional training program in hospitalized geriatric patients?. Experimental Gerontology, 2018, 106, 101-108.	1.2	5
75	Effect of Losartan on the Acute Response of Human Elderly Skeletal Muscle to Exercise. Medicine and Science in Sports and Exercise, 2018, 50, 225-235.	0.2	11
76	Exercise induced effects on muscle function and range of motion in patients with hip osteoarthritis. Physiotherapy Research International, 2018, 23, e1697.	0.7	15
77	Response to resistance training following immobilization-Influence of delaying post-exercise meal. Translational Sports Medicine, 2018, 1, 191-203.	0.5	2
78	The dilemma of sports medicine. Translational Sports Medicine, 2018, 1, 183-183.	0.5	0
79	The Ruptured Achilles Tendon Elongates for 6 Months After Surgical Repair Regardless of Early or Late Weightbearing in Combination With Ankle Mobilization: A Randomized Clinical Trial. American Journal of Sports Medicine, 2018, 46, 2492-2502.	1.9	80
80	Changes in S100 Proteins Identified in Healthy Skin following Electrical Stimulation: Relevance for Wound Healing. Advances in Skin and Wound Care, 2018, 31, 322-327.	0.5	9
81	Carbon-14 bomb pulse dating shows that tendinopathy is preceded by years of abnormally high collagen turnover. FASEB Journal, 2018, 32, 4763-4775.	0.2	42
82	Lower tendon stiffness in very old compared with old individuals is unaffected by short-term resistance training of skeletal muscle. Journal of Applied Physiology, 2018, 125, 205-214.	1.2	13
83	Cellular homeostatic tension and force transmission measured in human engineered tendon. Journal of Biomechanics, 2018, 78, 161-165.	0.9	8
84	Role of tissue perfusion, muscle strength recovery, and pain in rehabilitation after acute muscle strain injury: A randomized controlled trial comparing early and delayed rehabilitation. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 2579-2591.	1.3	25
85	Losartan has no additive effect on the response to heavy-resistance exercise in human elderly skeletal muscle. Journal of Applied Physiology, 2018, 125, 1536-1554.	1.2	16
86	Mechanische Belastung und Bindegewebe. , 2018, , 139-169.		0
87	The Effect of Aging and Mechanical Loading on the Metabolism of Articular Cartilage. Journal of Rheumatology, 2017, 44, 410-417.	1.0	99
88	Improved Functional Performance in Geriatric Patients During Hospital Stay. American Journal of Physical Medicine and Rehabilitation, 2017, 96, e78-e84.	0.7	22
89	Skeletal muscle morphology and regulatory signalling in endurance-trained and sedentary individuals: The influence of ageing. Experimental Gerontology, 2017, 93, 54-67.	1.2	34
90	Human skeletal muscle fibroblasts stimulate <i>in vitro</i> myogenesis and <i>in vivo</i> muscle regeneration. Journal of Physiology, 2017, 595, 5115-5127.	1.3	79

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91	Impact of GH administration on athletic performance in healthy young adults: A systematic review and meta-analysis of placebo-controlled trials. <i>Growth Hormone and IGF Research</i> , 2017, 34, 38-44.	0.5	26
92	Abdominal Wall Reconstruction for Incisional Hernia Optimizes Truncal Function and Quality of Life. <i>Annals of Surgery</i> , 2017, 265, 1235-1240.	2.1	46
93	Inflammation Relates to Resistance Training-induced Hypertrophy in Elderly Patients. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 1079-1085.	0.2	16
94	Skeletal muscle morphology, protein synthesis, and gene expression in Ehlers-Danlos syndrome. <i>Journal of Applied Physiology</i> , 2017, 123, 482-488.	1.2	4
95	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.	1.2	25
96	An advanced glycation endproduct (AGE) rich diet promotes accumulation of AGEs in Achilles tendon. <i>Physiological Reports</i> , 2017, 5, e13215.	0.7	27
97	Improved skeletal muscle mass and strength after heavy strength training in very old individuals. <i>Experimental Gerontology</i> , 2017, 92, 96-105.	1.2	37
98	Handgrip strength shows no improvements in geriatric patients with persistent inflammation during hospitalization. <i>Experimental Gerontology</i> , 2017, 99, 115-119.	1.2	11
99	Early versus Delayed Rehabilitation after Acute Muscle Injury. <i>New England Journal of Medicine</i> , 2017, 377, 1300-1301.	13.9	67
100	Effects of anti-inflammatory (NSAID) treatment on human tendinopathic tissue. <i>Journal of Applied Physiology</i> , 2017, 123, 1397-1405.	1.2	27
101	Myosin content of single muscle fibers following short-term disuse and active recovery in young and old healthy men. <i>Experimental Gerontology</i> , 2017, 87, 100-107.	1.2	24
102	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.	0.8	7
103	Muscle power is an important measure to detect deficits in muscle function in hip osteoarthritis: a cross-sectional study. <i>Disability and Rehabilitation</i> , 2017, 39, 1414-1421.	0.9	8
104	Connective tissue regeneration in skeletal muscle after eccentric contraction-induced injury. <i>Journal of Applied Physiology</i> , 2017, 122, 533-540.	1.2	40
105	Ageing Affects Cell Cycle Regulation In Human Skeletal Muscle Undergoing Atrophy And Regrowth. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 236.	0.2	0
106	The breaking and making of healthy adult human skeletal muscle in vivo. <i>Skeletal Muscle</i> , 2017, 7, 24.	1.9	85
107	Characterising the proximal patellar tendon attachment and its relationship to skeletal maturity in adolescent ballet dancers. <i>Muscles, Ligaments and Tendons Journal</i> , 2017, 7, 306.	0.1	13
108	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.	1.1	18

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109	Effect of aging and exercise on the tendon. <i>Journal of Applied Physiology</i> , 2016, 121, 1353-1362.	1.2	148
110	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.	0.2	72
111	Ruptured human Achilles tendon has elevated metabolic activity up to 1 year after repair. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2016, 43, 1868-1877.	3.3	41
112	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.	1.2	19
113	Methods of Assessing Human Tendon Metabolism and Tissue Properties in Response to Changes in Mechanical Loading. <i>Advances in Experimental Medicine and Biology</i> , 2016, 920, 97-106.	0.8	3
114	Sex Hormones and Tendon. <i>Advances in Experimental Medicine and Biology</i> , 2016, 920, 139-149.	0.8	48
115	Collagen Homeostasis and Metabolism. <i>Advances in Experimental Medicine and Biology</i> , 2016, 920, 11-25.	0.8	34
116	Radiocarbon dating reveals minimal collagen turnover in both healthy and osteoarthritic human cartilage. <i>Science Translational Medicine</i> , 2016, 8, 346ra90.	5.8	130
117	Acquired Localized Cutis Laxa due to Increased Elastin Turnover. <i>Case Reports in Dermatology</i> , 2016, 8, 42-51.	0.3	6
118	Counteracting Age-related Loss of Skeletal Muscle Mass: a clinical and ethnological trial on the role of protein supplementation and training load (CALM Intervention Study): study protocol for a randomized controlled trial. <i>Trials</i> , 2016, 17, 397.	0.7	36
119	Physical activity as intervention for age-related loss of muscle mass and function: protocol for a randomised controlled trial (the LISA study). <i>BMJ Open</i> , 2016, 6, e012951.	0.8	22
120	No additional effect of different types of physical activity on 10-hour muscle protein synthesis in elderly men on a controlled energy- and protein-sufficient diet. <i>Experimental Gerontology</i> , 2016, 79, 16-25.	1.2	6
121	Human Achilles tendon glycation and function in diabetes. <i>Journal of Applied Physiology</i> , 2016, 120, 130-137.	1.2	67
122	Matters of fiber size and myonuclear domain: Does size matter more than age?. <i>Muscle and Nerve</i> , 2015, 52, 1040-1046.	1.0	24
123	Heavy Slow Resistance Versus Eccentric Training as Treatment for Achilles Tendinopathy. <i>American Journal of Sports Medicine</i> , 2015, 43, 1704-1711.	1.9	274
124	The Copenhagen Muscle Research Centre (<sc>CMRC</sc>) 1994-2004. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2015, 25, 22-28.	1.3	7
125	Lysyl Oxidase Activity Is Required for Ordered Collagen Fibrillogenesis by Tendon Cells. <i>Journal of Biological Chemistry</i> , 2015, 290, 16440-16450.	1.6	125
126	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.	1.6	28

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127	Exercise and Regulation of Bone and Collagen Tissue Biology. <i>Progress in Molecular Biology and Translational Science</i> , 2015, 135, 259-291.	0.9	30
128	Insulin-like growth factor I enhances collagen synthesis in engineered human tendon tissue. <i>Growth Hormone and IGF Research</i> , 2015, 25, 13-19.	0.5	37
129	Intra-rater reliability and agreement of muscle strength, power and functional performance measures in patients with hip osteoarthritis. <i>Journal of Rehabilitation Medicine</i> , 2014, 46, 997-1005.	0.8	35
130	The single-biopsy approach in determining protein synthesis in human slow-turning-over tissue: use of flood-primed, continuous infusion of amino acid tracers. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E1330-E1339.	1.8	23
131	Basic Components of Connective Tissues and Extracellular Matrix: Elastin, Fibrillin, Fibulins, Fibrinogen, Fibronectin, Laminin, Tenascins and Thrombospondins. <i>Advances in Experimental Medicine and Biology</i> , 2014, 802, 31-47.	0.8	374
132	Tendon protein synthesis rate in classic Ehlers-Danlos patients can be stimulated with insulin-like growth factor-I. <i>Journal of Applied Physiology</i> , 2014, 117, 694-698.	1.2	11
133	Influence of Sex and Estrogen on Musculotendinous Protein Turnover at Rest and After Exercise. <i>Exercise and Sport Sciences Reviews</i> , 2014, 42, 183-192.	1.6	69
134	Bengt Saltin (1935–2014). <i>Journal of Physiology</i> , 2014, 592, 5149-5151.	1.3	6
135	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.	1.8	26
136	Ultrastructure and collagen composition of healthy and overloaded human tendon: evidence of tenocyte and matrix buckling. <i>Journal of Anatomy</i> , 2014, 224, 548-555.	0.9	97
137	Life-long endurance running is associated with reduced glycation and mechanical stress in connective tissue. <i>Age</i> , 2014, 36, 9665.	3.0	99
138	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.	0.2	44
139	Eccentric exercise: acute and chronic effects on healthy and diseased tendons. <i>Journal of Applied Physiology</i> , 2014, 116, 1435-1438.	1.2	29
140	Increase in tendon protein synthesis in response to insulin-like growth factor-I is preserved in elderly men. <i>Journal of Applied Physiology</i> , 2014, 116, 42-46.	1.2	27
141	Gremlin-2 is a BMP antagonist that is regulated by the circadian clock. <i>Scientific Reports</i> , 2014, 4, 5183.	1.6	52
142	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.	1.1	54
143	No inflammatory gene-expression response to acute exercise in human Achilles tendinopathy. <i>European Journal of Applied Physiology</i> , 2013, 113, 2101-2109.	1.2	31
144	Sex hormones and skeletal muscle weakness. <i>Biogerontology</i> , 2013, 14, 231-245.	2.0	73

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145	Four days of muscle disuse impairs single fiber contractile function in young and old healthy men. <i>Experimental Gerontology</i> , 2013, 48, 154-161.	1.2	54
146	What is the impact of inflammation on the critical interplay between mechanical signaling and biochemical changes in tendon matrix?. <i>Journal of Applied Physiology</i> , 2013, 115, 879-883.	1.2	28
147	Type VI collagen turnover-related peptides" novel serological biomarkers of muscle mass and anabolic response to loading in young men. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2013, 4, 267-275.	2.9	45
148	Morphological adaptation of muscle collagen and receptor of advanced glycation end product (RAGE) in osteoarthritis patients with 12 weeks of resistance training; influence of anti-inflammatory or glucosamine treatment. <i>Rheumatology International</i> , 2013, 33, 2215-2224.	1.5	14
149	Micromechanical Properties and Collagen Composition of Ruptured Human Achilles Tendon. <i>American Journal of Sports Medicine</i> , 2013, 41, 437-443.	1.9	37
150	In vitro tendon tissue development from human fibroblasts demonstrates collagen fibril diameter growth associated with a rise in mechanical strength. <i>Developmental Dynamics</i> , 2013, 242, 2-8.	0.8	29
151	Differentially Activated Macrophages Orchestrate Myogenic Precursor Cell Fate During Human Skeletal Muscle Regeneration. <i>Stem Cells</i> , 2013, 31, 384-396.	1.4	343
152	The anabolic potential of dietary protein intake on skeletal muscle is prolonged by prior light-load exercise. <i>Clinical Nutrition</i> , 2013, 32, 236-244.	2.3	19
153	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.	1.0	13
154	Determination of steady-state protein breakdown rate in vivo by the disappearance of protein-bound tracer-labeled amino acids: a method applicable in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 304, E895-E907.	1.8	38
155	Impact of oral contraceptive use and menstrual phases on patellar tendon morphology, biochemical composition, and biomechanical properties in female athletes. <i>Journal of Applied Physiology</i> , 2013, 114, 998-1008.	1.2	43
156	Bone blood flow and metabolism in humans: Effect of muscular exercise and other physiological perturbations. <i>Journal of Bone and Mineral Research</i> , 2013, 28, 1068-1074.	3.1	38
157	Lack of tissue renewal in human adult Achilles tendon is revealed by nuclear bomb ¹⁴ C. <i>FASEB Journal</i> , 2013, 27, 2074-2079.	0.2	247
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