

Michael Kjaer

List of Publications by Year in descending order

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Version: 2024-02-01

330
papers

20,566
citations

7087

78
h-index

13365

130
g-index

345
all docs

345
docs citations

345
times ranked

17201
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. Progress in Molecular Biology and Translational Science, 2015, 135, 259-291.	0.9	30
128	Insulin-like growth factor I enhances collagen synthesis in engineered human tendon tissue. Growth Hormone and IGF Research, 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. Journal of Rehabilitation Medicine, 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. American Journal of Physiology - Endocrinology and Metabolism, 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. Advances in Experimental Medicine and Biology, 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. Journal of Applied Physiology, 2014, 117, 694-698.	1.2	11
133	Influence of Sex and Estrogen on Musculotendinous Protein Turnover at Rest and After Exercise. Exercise and Sport Sciences Reviews, 2014, 42, 183-192.	1.6	69
134	Bengt Saltin (1935–2014). Journal of Physiology, 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. European Journal of Nutrition, 2014, 53, 321-333.	1.8	26
136	Ultrastructure and collagen composition of healthy and overloaded human tendon: evidence of tenocyte and matrix buckling. Journal of Anatomy, 2014, 224, 548-555.	0.9	97
137	Life-long endurance running is associated with reduced glycation and mechanical stress in connective tissue. Age, 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. FASEB Journal, 2014, 28, 4668-4676.	0.2	44
139	Eccentric exercise: acute and chronic effects on healthy and diseased tendons. Journal of Applied Physiology, 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. Journal of Applied Physiology, 2014, 116, 42-46.	1.2	27
141	Gremlin-2 is a BMP antagonist that is regulated by the circadian clock. Scientific Reports, 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. PLoS ONE, 2014, 9, e86078.	1.1	54
143	No inflammatory gene-expression response to acute exercise in human Achilles tendinopathy. European Journal of Applied Physiology, 2013, 113, 2101-2109.	1.2	31
144	Sex hormones and skeletal muscle weakness. Biogerontology, 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
158	Extensive Monitoring Through Multiple Blood Samples in Professional Soccer Players. <i>Journal of Strength and Conditioning Research</i> , 2013, 27, 1260-1271.	1.0	62
159	The effect of Insulin Like Growth Factor I on matrix synthesis in engineered human tendon tissue. <i>FASEB Journal</i> , 2013, 27, 713.9.	0.2	0
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