

Mette Hansen

List of Publications by Year in descending order

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Version: 2024-02-01

96
papers

3,942
citations

136740

32
h-index

128067

60
g-index

96
all docs

96
docs citations

96
times ranked

4628
citing authors

#	ARTICLE	IF	CITATIONS
1	Coordinated collagen and muscle protein synthesis in human patella tendon and quadriceps muscle after exercise. <i>Journal of Physiology</i> , 2005, 567, 1021-1033.	1.3	469
2	From mechanical loading to collagen synthesis, structural changes and function in human tendon. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2009, 19, 500-510.	1.3	263
3	Extracellular matrix adaptation of tendon and skeletal muscle to exercise. <i>Journal of Anatomy</i> , 2006, 208, 445-450.	0.9	210
4	Predictors of responses to immune checkpoint blockade in advanced melanoma. <i>Nature Communications</i> , 2017, 8, 592.	5.8	166
5	The adaptability of tendon to loading differs in men and women. <i>International Journal of Experimental Pathology</i> , 2007, 88, 237-240.	0.6	165
6	Tendon collagen synthesis at rest and after exercise in women. <i>Journal of Applied Physiology</i> , 2007, 102, 541-546.	1.2	135
7	Effect of estrogen on tendon collagen synthesis, tendon structural characteristics, and biomechanical properties in postmenopausal women. <i>Journal of Applied Physiology</i> , 2009, 106, 1385-1393.	1.2	112
8	Effect of habitual exercise on the structural and mechanical properties of human tendon, <i>in vivo</i> , in men and women. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2008, 18, 23-30.	1.3	104
9	Female hormones: do they influence muscle and tendon protein metabolism?. <i>Proceedings of the Nutrition Society</i> , 2018, 77, 32-41.	0.4	102
10	Life-long endurance running is associated with reduced glycation and mechanical stress in connective tissue. <i>Age</i> , 2014, 36, 9665.	3.0	99
11	Effect of administration of oral contraceptives <i>in vivo</i> on collagen synthesis in tendon and muscle connective tissue in young women. <i>Journal of Applied Physiology</i> , 2009, 106, 1435-1443.	1.2	98
12	Local administration of insulin-like growth factor-1 (IGF-1) stimulates tendon collagen synthesis in humans. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2013, 23, 614-619.	1.3	93
13	No effect of menstrual cycle on myofibrillar and connective tissue protein synthesis in contracting skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006, 290, E163-E168.	1.8	89
14	A randomised trial of differentiated prednisolone treatment in active rheumatoid arthritis. Clinical benefits and skeletal side effects. <i>Annals of the Rheumatic Diseases</i> , 1999, 58, 713-718.	0.5	83
15	Nonsteroidal Anti-Inflammatory Drug or Glucosamine Reduced Pain and Improved Muscle Strength With Resistance Training in a Randomized Controlled Trial of Knee Osteoarthritis Patients. <i>Archives of Physical Medicine and Rehabilitation</i> , 2011, 92, 1185-1193.	0.5	81
16	Sex hormones and skeletal muscle weakness. <i>Biogerontology</i> , 2013, 14, 231-245.	2.0	73
17	Bone Loss in Rheumatoid Arthritis: Influence of disease activity, duration of the disease, functional capacity, and corticosteroid treatment. <i>Scandinavian Journal of Rheumatology</i> , 1996, 25, 367-376.	0.6	69
18	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

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19	Serum levels of bioactive IGF1 and physiological markers of ageing in healthy adults. <i>European Journal of Endocrinology</i> , 2014, 170, 229-236.	1.9	65
20	Ethinyl oestradiol administration in women suppresses synthesis of collagen in tendon in response to exercise. <i>Journal of Physiology</i> , 2008, 586, 3005-3016.	1.3	63
21	Glucosamine but not ibuprofen alters cartilage turnover in osteoarthritis patients in response to physical training. <i>Osteoarthritis and Cartilage</i> , 2010, 18, 34-40.	0.6	62
22	Effects of Estrogen Replacement and Lower Androgen Status on Skeletal Muscle Collagen and Myofibrillar Protein Synthesis in Postmenopausal Women. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2012, 67, 1005-1013.	1.7	52
23	Effect of Whey Protein Hydrolysate on Performance and Recovery of Top-Class Orienteering Runners. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2015, 25, 97-109.	1.0	52
24	Sex Hormones and Tendon. <i>Advances in Experimental Medicine and Biology</i> , 2016, 920, 139-149.	0.8	48
25	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
26	Bone Metabolism in Patients with Systemic Lupus Erythematosus: Effect of disease activity and glucocorticoid treatment. <i>Scandinavian Journal of Rheumatology</i> , 1998, 27, 197-206.	0.6	41
27	Ingestion of Insect Protein Isolate Enhances Blood Amino Acid Concentrations Similar to Soy Protein in A Human Trial. <i>Nutrients</i> , 2018, 10, 1357.	1.7	41
28	Effect of administration of oral contraceptives on the synthesis and breakdown of myofibrillar proteins in young women. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2011, 21, 62-72.	1.3	40
29	No Superior Adaptations to Carbohydrate Periodization in Elite Endurance Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 2486-2497.	0.2	40
30	Influence of Oral Contraceptive Use on Adaptations to Resistance Training. <i>Frontiers in Physiology</i> , 2019, 10, 824.	1.3	39
31	Enzymatic Hydrolysis of a Collagen Hydrolysate Enhances Postprandial Absorption Rate – A Randomized Controlled Trial. <i>Nutrients</i> , 2019, 11, 1064.	1.7	38
32	Hormonal Contraceptive Use, Menstrual Dysfunctions, and Self-Reported Side Effects in Elite Athletes in Denmark. <i>International Journal of Sports Physiology and Performance</i> , 2020, 15, 1377-1384.	1.1	38
33	Exercise and NSAIDs. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 425-431.	0.2	35
34	Effects of transdermal estrogen on collagen turnover at rest and in response to exercise in postmenopausal women. <i>Journal of Applied Physiology</i> , 2012, 113, 1040-1047.	1.2	34
35	Shoulder rotational profiles in young healthy elite female and male badminton players. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2014, 24, 122-128.	1.3	34
36	Quantification of the N-terminal propeptide of human procollagen type I (PINP): Comparison of ELISA and RIA with respect to different molecular forms. <i>Clinica Chimica Acta</i> , 1998, 269, 31-41.	0.5	28

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37	Cellular Based Cancer Vaccines: Type 1 Polarization of Dendritic Cells. <i>Current Medicinal Chemistry</i> , 2012, 19, 4239-4246.	1.2	28
38	<sc>GH/IGF</sc> axis and matrix adaptation of the musculotendinous tissue to exercise in humans. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2012, 22, e1-7.	1.3	28
39	Protein intake <i>during</i> training sessions has no effect on performance and recovery during a strenuous training camp for elite cyclists. <i>Journal of the International Society of Sports Nutrition</i> , 2016, 13, 9.	1.7	28
40	Effects of Insect Protein Supplementation during Resistance Training on Changes in Muscle Mass and Strength in Young Men. <i>Nutrients</i> , 2018, 10, 335.	1.7	28
41	Heterogeneity in subcellular muscle glycogen utilisation during exercise impacts endurance capacity in men. <i>Journal of Physiology</i> , 2020, 598, 4271-4292.	1.3	27
42	No effect of growth hormone administration on substrate oxidation during exercise in young, lean men. <i>Journal of Physiology</i> , 2005, 567, 1035-1045.	1.3	26
43	Effect of a Whey Protein Supplement on Preservation of Fat Free Mass in Overweight and Obese Individuals on an Energy Restricted Very Low Caloric Diet. <i>Nutrients</i> , 2018, 10, 1918.	1.7	25
44	The mystery of female connective tissue. <i>Journal of Applied Physiology</i> , 2008, 105, 1026-1027.	1.2	24
45	Concomitant changes in cross-sectional area and water content in skeletal muscle after resistance exercise. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2014, 24, e260-8.	1.3	23
46	Dietary beetroot juice – effects on physical performance in COPD patients: a randomized controlled crossover trial. <i>International Journal of COPD</i> , 2017, Volume 12, 1765-1773.	0.9	23
47	Local administration of growth hormone stimulates tendon collagen synthesis in elderly men. <i>Journal of Applied Physiology</i> , 2012, 113, 1432-1438.	1.2	21
48	Satellite cell response to erythropoietin treatment and endurance training in healthy young men. <i>Journal of Physiology</i> , 2016, 594, 727-743.	1.3	21
49	Transdermal Estrogen Therapy Improves Gains in Skeletal Muscle Mass After 12 Weeks of Resistance Training in Early Postmenopausal Women. <i>Frontiers in Physiology</i> , 2020, 11, 596130.	1.3	21
50	Vitamin D Status and Muscle Function Among Adolescent and Young Swimmers. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2017, 27, 399-407.	1.0	20
51	Increased postoperative cardiopulmonary fitness in gastric bypass patients is explained by weight loss. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2016, 26, 1428-1434.	1.3	19
52	Coingestion of protein and carbohydrate in the early recovery phase, compared with carbohydrate only, improves endurance performance despite similar glycogen degradation and AMPK phosphorylation. <i>Journal of Applied Physiology</i> , 2020, 129, 297-310.	1.2	18
53	Myofibrillar proteolysis in response to voluntary or electrically stimulated muscle contractions in humans. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2009, 19, 75-82.	1.3	17
54	Effects of Long-Term Physical Activity and Diet on Skin Glycation and Achilles Tendon Structure. <i>Nutrients</i> , 2019, 11, 1409.	1.7	16

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55	Mechanism-Based Modeling of Gastric Emptying Rate and Gallbladder Emptying in Response to Caloric Intake. <i>CPT: Pharmacometrics and Systems Pharmacology</i> , 2016, 5, 692-700.	1.3	14
56	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
57	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
58	Effects of 2 wk of GH administration on 24-h indirect calorimetry in young, healthy, lean men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005, 289, E1030-E1038.	1.8	12
59	Cobalamin binding proteins in human seminal plasma. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 1992, 52, 647-652.	0.6	11
60	Novel methods for tendon investigations. <i>Disability and Rehabilitation</i> , 2008, 30, 1514-1522.	0.9	11
61	Is diet associated with physical capacity and fatigue in persons with multiple sclerosis? â€œResults from a pilot study. <i>Multiple Sclerosis and Related Disorders</i> , 2020, 40, 101921.	0.9	11
62	Molecular markers of skeletal muscle hypertrophy following 10 wk of resistance training in oral contraceptive users and nonusers. <i>Journal of Applied Physiology</i> , 2020, 129, 1355-1364.	1.2	11
63	Influence of Second Generation Oral Contraceptive Use on Adaptations to Resistance Training in Young Untrained Women. <i>Journal of Strength and Conditioning Research</i> , 2022, 36, 1801-1809.	1.0	11
64	The interaction of human transcobalamin isopeptides in cerebrospinal fluid and plasma with cobalamin and the cellular receptor. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1987, 926, 359-364.	1.1	10
65	THE START-TO-RUN DISTANCE AND RUNNING-RELATED INJURY AMONG OBESE NOVICE RUNNERS: A RANDOMIZED TRIAL. <i>International Journal of Sports Physical Therapy</i> , 2018, 13, 943-955.	0.5	10
66	Women With Turner Syndrome Are Both Estrogen and Androgen Deficient: The Impact of Hormone Replacement Therapy. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 1983-1993.	1.8	10
67	Changes in metabolism but not myocellular signaling by training with CHO-restriction in endurance athletes. <i>Physiological Reports</i> , 2018, 6, e13847.	0.7	9
68	Presleep Protein Supplementation Does Not Improve Recovery During Consecutive Days of Intense Endurance Training: A Randomized Controlled Trial. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2019, 29, 426-434.	1.0	9
69	Effects of protein intake prior to carbohydrate-restricted endurance exercise: a randomized crossover trial. <i>Journal of the International Society of Sports Nutrition</i> , 2020, 17, 7.	1.7	9
70	Cobalamin binding proteins in patients with HIV infection. <i>European Journal of Haematology</i> , 1992, 48, 228-231.	1.1	8
71	Effects of vitamin D and high dairy protein intake on bone mineralization and linear growth in 6- to 8-year-old children: the D-pro randomized trial. <i>American Journal of Clinical Nutrition</i> , 2021, 114, 1971-1985.	2.2	8
72	Glycogen supercompensation is due to increased number, not size, of glycogen particles in human skeletal muscle. <i>Experimental Physiology</i> , 2021, 106, 1272-1284.	0.9	7

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73	Estrogen modulates metabolic risk profile after resistance training in early postmenopausal women: a randomized controlled trial. <i>Menopause</i> , 2021, 28, 1214-1224.	0.8	7
74	Glucocorticoids inhibit the synthesis rate of type III collagen, but do not affect the hepatic clearance of its aminoterminal propeptide (PIIINP). <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 1995, 55, 543-548.	0.6	6
75	Test-Retest Reliability of Muscle Strength and Physical Function Tests in 6-9-Year-old Children. <i>Measurement in Physical Education and Exercise Science</i> , 2021, 25, 379-387.	1.3	6
76	HuMax-CD4 (Zanolimumab), a Fully Human Monoclonal Antibody: Early Results of an Ongoing Clinical Trial in CD4+ Peripheral T-Cell Lymphoma of Non-Cutaneous Type.. <i>Blood</i> , 2005, 106, 3354-3354.	0.6	6
77	Effects of high dairy protein intake and vitamin D supplementation on body composition and cardiometabolic markers in 6-8-y-old children—the D-pro trial. <i>American Journal of Clinical Nutrition</i> , 2022, 115, 1080-1091.	2.2	6
78	Fluctuations in Metabolites and Bone Markers Across the Menstrual Cycle in Eumenorrhic Women and Oral Contraceptive Users. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2022, 107, 1577-1588.	1.8	6
79	Supplement with whey protein hydrolysate in contrast to carbohydrate supports mitochondrial adaptations in trained runners. <i>Journal of the International Society of Sports Nutrition</i> , 2020, 17, 46.	1.7	5
80	Krill Protein Hydrolysate Provides High Absorption Rate for All Essential Amino Acids—A Randomized Control Cross-Over Trial. <i>Nutrients</i> , 2021, 13, 3187.	1.7	5
81	Influence of Fermented Red Clover Extract on Skeletal Muscle in Early Postmenopausal Women: A Double-Blinded Cross-Over Study. <i>Nutrients</i> , 2020, 12, 3587.	1.7	4
82	How Do Novice Runners With Different Body Mass Indexes Begin a Self-chosen Running Regime?. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2018, 48, 873-877.	1.7	3
83	Glucocorticoids inhibit the synthesis rate of type III collagen, but do not affect the hepatic clearance of its aminoterminal propeptide (PIIINP). <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 1995, 55, 543-548.	0.6	3
84	Sex Hormones and Satellite Cell Regulation in Women. <i>Translational Sports Medicine</i> , 2022, 2022, 1-12.	0.5	3
85	Response to resistance training following immobilization-Influence of delaying post-exercise meal. <i>Translational Sports Medicine</i> , 2018, 1, 191-203.	0.5	2
86	Short-Term Supplementation With Fermented Red Clover Extract Reduces Vascular Inflammation in Early Post-menopausal Women. <i>Frontiers in Cardiovascular Medicine</i> , 2022, 9, 826959.	1.1	2
87	Editorial: Female Hormones: Effect on Musculoskeletal Adaptation and Injury Risk. <i>Frontiers in Physiology</i> , 2020, 11, 628.	1.3	1
88	THE START-TO-RUN DISTANCE AND RUNNING-RELATED INJURY AMONG OBESE NOVICE RUNNERS: A RANDOMIZED TRIAL. <i>International Journal of Sports Physical Therapy</i> , 2018, 13, 943-955.	0.5	1
89	Vitamin D supplementation and increased dairy protein intake do not affect muscle strength or physical function in healthy 6-8-year-old children: the D-pro randomized trial. <i>European Journal of Nutrition</i> , 2022, 61, 3613-3623.	1.8	1
90	Intramuscular sex steroid hormones are reduced after resistance training in postmenopausal women, but not affected by estrogen therapy. <i>Steroids</i> , 2022, 186, 109087.	0.8	1

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91	Effect Of Whey Protein Hydrolysate On Adaptation To Endurance Training In Well-trained Runners. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 126-127.	0.2	0
92	The Female Handball Player. , 2018, , 553-569.		0
93	The adjuvant role of low dose total body irradiation following chemoimmunotherapy in elderly high risk patients with diffuse large B-cell lymphoma (DLBCL). <i>Journal of Clinical Oncology</i> , 2006, 24, 17523-17523.	0.8	0
94	Ethinyl estradiol suppress tendon collagen synthesis in response to exercise. <i>FASEB Journal</i> , 2008, 22, 753.28.	0.2	0
95	Passion, curiosity and hard work “ keys to a career in research. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 2014, 63, 166-166.	0.0	0
96	Cobalamin binding proteins in the human fetus. <i>Scandinavian Journal of Clinical and Laboratory Investigation, Supplement</i> , 1989, 194, 23-6.	2.7	0