Mette Hansen

List of Publications by Year
in descending order

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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	Influence of Second Generation Oral Contraceptive Use on Adaptations to Resistance Training in Young Untrained Women. Journal of Strength and Conditioning Research, 2022, 36, 1801-1809.	1.0	11
2	Effects of high dairy protein intake and vitamin D supplementation on body composition and cardiometabolic markers in 6â€“8-y-old childrenâ€”the D-pro trial. American Journal of Clinical Nutrition, 2022, 115, 1080-1091.	2.2	6
3	Short-Term Supplementation With Fermented Red Clover Extract Reduces Vascular Inflammation in Early Post-menopausal Women. Frontiers in Cardiovascular Medicine, 2022, 9, 826959.	1.1	2
4	Fluctuations in Metabolites and Bone Markers Across the Menstrual Cycle in Eumenorrheic Women and Oral Contraceptive Users. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 1577-1588.	1.8	6
5	Women With Turner Syndrome Are Both Estrogen and Androgen Deficient: The Impact of Hormone Replacement Therapy. Journal of Clinical Endocrinology and Metabolism, 2022, 107, 1983-1993.	1.8	10
6	Sex Hormones and Satellite Cell Regulation in Women. Translational Sports Medicine, 2022, 2022, 1-12.	0.5	3
7	Vitamin D supplementation and increased dairy protein intake do not affect muscle strength or physical function in healthy 6â€“8-year-old children: the D-pro randomized trial. European Journal of Nutrition, 2022, 61, 3613-3623.	1.8	1
8	Intramuscular sex steroid hormones are reduced after resistance training in postmenopausal women, but not affected by estrogen therapy. Steroids, 2022, 186, 109087.	0.8	1
9	Glycogen supercompensation is due to increased number, not size, of glycogen particles in human skeletal muscle. Experimental Physiology, 2021, 106, 1272-1284.	0.9	7
10	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. American Journal of Sports Medicine, 2021, 49, 2361-2370.	1.9	13
11	Test-Retest Reliability of Muscle Strength and Physical Function Tests in 6â€“9-Year-old Children. Measurement in Physical Education and Exercise Science, 2021, 25, 379-387.	1.3	6
12	Krill Protein Hydrolysate Provides High Absorption Rate for All Essential Amino Acidsâ€”A Randomized Control Cross-Over Trial. Nutrients, 2021, 13, 3187.	1.7	5
13	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. American Journal of Clinical Nutrition, 2021, 114, 1971-1985.	2.2	8
14	Estrogen modulates metabolic risk profile after resistance training in early postmenopausal women: a randomized controlled trial. Menopause, 2021, 28, 1214-1224.	0.8	7
15	Is diet associated with physical capacity and fatigue in persons with multiple sclerosis? â€“Results from a pilot study. Multiple Sclerosis and Related Disorders, 2020, 40, 101921.	0.9	11
16	Molecular markers of skeletal muscle hypertrophy following 10 wk of resistance training in oral contraceptive users and nonusers. Journal of Applied Physiology, 2020, 129, 1355-1364.	1.2	11
17	Heterogeneity in subcellular muscle glycogen utilisation during exercise impacts endurance capacity in men. Journal of Physiology, 2020, 598, 4271-4292.	1.3	27
18	Supplement with whey protein hydrolysate in contrast to carbohydrate supports mitochondrial adaptations in trained runners. Journal of the International Society of Sports Nutrition, 2020, 17, 46.	1.7	5

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19	Influence of Fermented Red Clover Extract on Skeletal Muscle in Early Postmenopausal Women: A Double-Blinded Cross-Over Study. Nutrients, 2020, 12, 3587.	1.7	4
20	Editorial: Female Hormones: Effect on Musculoskeletal Adaptation and Injury Risk. Frontiers in Physiology, 2020, 11, 628.	1.3	1
21	Coingestion of protein and carbohydrate in the early recovery phase, compared with carbohydrate only, improves endurance performance despite similar glycogen degradation and AMPK phosphorylation. Journal of Applied Physiology, 2020, 129, 297-310.	1.2	18
22	Effects of protein intake prior to carbohydrate-restricted endurance exercise: a randomized crossover trial. Journal of the International Society of Sports Nutrition, 2020, 17, 7.	1.7	9
23	Transdermal Estrogen Therapy Improves Gains in Skeletal Muscle Mass After 12 Weeks of Resistance Training in Early Postmenopausal Women. Frontiers in Physiology, 2020, 11, 596130.	1.3	21
24	Hormonal Contraceptive Use, Menstrual Dysfunctions, and Self-Reported Side Effects in Elite Athletes in Denmark. International Journal of Sports Physiology and Performance, 2020, 15, 1377-1384.	1.1	38
25	Effects of Long-Term Physical Activity and Diet on Skin Glycation and Achilles Tendon Structure. Nutrients, 2019, 11, 1409.	1.7	16
26	Immobilization Decreases FOXO3a Phosphorylation and Increases Autophagy-Related Gene and Protein Expression in Human Skeletal Muscle. Frontiers in Physiology, 2019, 10, 736.	1.3	14
27	Influence of Oral Contraceptive Use on Adaptations to Resistance Training. Frontiers in Physiology, 2019, 10, 824.	1.3	39
28	Enzymatic Hydrolysis of a Collagen Hydrolysate Enhances Postprandial Absorption Rateâ€”A Randomized Controlled Trial. Nutrients, 2019, 11, 1064.	1.7	38
29	Presleep Protein Supplementation Does Not Improve Recovery During Consecutive Days of Intense Endurance Training: A Randomized Controlled Trial. International Journal of Sport Nutrition and Exercise Metabolism, 2019, 29, 426-434.	1.0	9
30	Female hormones: do they influence muscle and tendon protein metabolism?. Proceedings of the Nutrition Society, 2018, 77, 32-41.	0.4	102
31	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. Nutrients, 2018, 10, 1918.	1.7	25
32	Ingestion of Insect Protein Isolate Enhances Blood Amino Acid Concentrations Similar to Soy Protein in A Human Trial. Nutrients, 2018, 10, 1357.	1.7	41
33	Response to resistance training following immobilization-Influence of delaying post-exercise meal. Translational Sports Medicine, 2018, 1, 191-203.	0.5	2
34	Changes in metabolism but not myocellular signaling by training with CHO-restriction in endurance athletes. Physiological Reports, 2018, 6, e13847.	0.7	9
35	How Do Novice Runners With Different Body Mass Indexes Begin a Self-chosen Running Regime?. Journal of Orthopaedic and Sports Physical Therapy, 2018, 48, 873-877.	1.7	3
36	Effects of Insect Protein Supplementation during Resistance Training on Changes in Muscle Mass and Strength in Young Men. Nutrients, 2018, 10, 335.	1.7	28

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37	The Female Handball Player. , 2018, , 553-569.		0
38	THE START-TO-RUN DISTANCE AND RUNNING-RELATED INJURY AMONG OBESE NOVICE RUNNERS: A RANDOMIZED TRIAL. International Journal of Sports Physical Therapy, 2018, 13, 943-955.	0.5	10
39	THE START-TO-RUN DISTANCE AND RUNNING-RELATED INJURY AMONG OBESE NOVICE RUNNERS: A RANDOMIZED TRIAL. International Journal of Sports Physical Therapy, 2018, 13, 943-955.	0.5	1
40	Vitamin D Status and Muscle Function Among Adolescent and Young Swimmers. International Journal of Sport Nutrition and Exercise Metabolism, 2017, 27, 399-407.	1.0	20
41	Predictors of responses to immune checkpoint blockade in advanced melanoma. Nature Communications, 2017, 8, 592.	5.8	166
42	No Superior Adaptations to Carbohydrate Periodization in Elite Endurance Athletes. Medicine and Science in Sports and Exercise, 2017, 49, 2486-2497.	0.2	40
43	Dietary beetroot juice – effects on physical performance in COPD patients: a randomized controlled crossover trial. International Journal of COPD, 2017, Volume 12, 1765-1773.	0.9	23
44	Satellite cell response to erythropoietin treatment and endurance training in healthy young men. Journal of Physiology, 2016, 594, 727-743.	1.3	21
45	Sex Hormones and Tendon. Advances in Experimental Medicine and Biology, 2016, 920, 139-149.	0.8	48
46	Mechanismâ€Based Modeling of Gastric Emptying Rate and Gallbladder Emptying in Response to Caloric Intake. CPT: Pharmacometrics and Systems Pharmacology, 2016, 5, 692-700.	1.3	14
47	Increased postâ€operative cardiopulmonary fitness in gastric bypass patients is explained by weight loss. Scandinavian Journal of Medicine and Science in Sports, 2016, 26, 1428-1434.	1.3	19
48	Protein intake during training sessions has no effect on performance and recovery during a strenuous training camp for elite cyclists. Journal of the International Society of Sports Nutrition, 2016, 13, 9.	1.7	28
49	Effect Of Whey Protein Hydrolysate On Adaptation To Endurance Training In Well-trained Runners. Medicine and Science in Sports and Exercise, 2015, 47, 126-127.	0.2	0
50	Effect of Whey Protein Hydrolysate on Performance and Recovery of Top-Class Orienteering Runners. International Journal of Sport Nutrition and Exercise Metabolism, 2015, 25, 97-109.	1.0	52
51	Concomitant changes in crossâ€sectional area and water content in skeletal muscle after resistance exercise. Scandinavian Journal of Medicine and Science in Sports, 2014, 24, e260-8.	1.3	23
52	Serum levels of bioactive IGF1 and physiological markers of ageing in healthy adults. European Journal of Endocrinology, 2014, 170, 229-236.	1.9	65
53	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
54	Shoulder rotational profiles in young healthy elite female and male badminton players. Scandinavian Journal of Medicine and Science in Sports, 2014, 24, 122-128.	1.3	34

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55	Life-long endurance running is associated with reduced glycation and mechanical stress in connective tissue. Age, 2014, 36, 9665.	3.0	99
56	Passion, curiosity and hard work â€“ keys to a career in research. Japanese Journal of Physical Fitness and Sports Medicine, 2014, 63, 166-166.	0.0	0
57	Local administration of insulinâ€like growth factorâ€<scp>I</scp> (<scp>IGFâ€I</scp>) stimulates tendon collagen synthesis in humans. Scandinavian Journal of Medicine and Science in Sports, 2013, 23, 614-619.	1.3	93
58	Sex hormones and skeletal muscle weakness. Biogerontology, 2013, 14, 231-245.	2.0	73
59	Impact of oral contraceptive use and menstrual phases on patellar tendon morphology, biochemical composition, and biomechanical properties in female athletes. Journal of Applied Physiology, 2013, 114, 998-1008.	1.2	43
60	Cellular Based Cancer Vaccines: Type 1 Polarization of Dendritic Cells. Current Medicinal Chemistry, 2012, 19, 4239-4246.	1.2	28
61	Local administration of growth hormone stimulates tendon collagen synthesis in elderly men. Journal of Applied Physiology, 2012, 113, 1432-1438.	1.2	21
62	Effects of transdermal estrogen on collagen turnover at rest and in response to exercise in postmenopausal women. Journal of Applied Physiology, 2012, 113, 1040-1047.	1.2	34
63	Effects of Estrogen Replacement and Lower Androgen Status on Skeletal Muscle Collagen and Myofibrillar Protein Synthesis in Postmenopausal Women. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2012, 67, 1005-1013.	1.7	52
64	<scp>GH/IGFâ€I</scp> axis and matrix adaptation of the musculotendinous tissue to exercise in humans. Scandinavian Journal of Medicine and Science in Sports, 2012, 22, e1-7.	1.3	28
65	Nonsteroidal Anti-Inflammatory Drug or Glucosamine Reduced Pain and Improved Muscle Strength With Resistance Training in a Randomized Controlled Trial of Knee Osteoarthritis Patients. Archives of Physical Medicine and Rehabilitation, 2011, 92, 1185-1193.	0.5	81
66	Exercise and NSAIDs. Medicine and Science in Sports and Exercise, 2011, 43, 425-431.	0.2	35
67	Effect of administration of oral contraceptives on the synthesis and breakdown of myofibrillar proteins in young women. Scandinavian Journal of Medicine and Science in Sports, 2011, 21, 62-72.	1.3	40
68	Glucosamine but not ibuprofen alters cartilage turnover in osteoarthritis patients in response to physical training. Osteoarthritis and Cartilage, 2010, 18, 34-40.	0.6	62
69	Myofibrillar proteolysis in response to voluntary or electrically stimulated muscle contractions in humans. Scandinavian Journal of Medicine and Science in Sports, 2009, 19, 75-82.	1.3	17
70	Effect of administration of oral contraceptives in vivo on collagen synthesis in tendon and muscle connective tissue in young women. Journal of Applied Physiology, 2009, 106, 1435-1443.	1.2	98
71	From mechanical loading to collagen synthesis, structural changes and function in human tendon. Scandinavian Journal of Medicine and Science in Sports, 2009, 19, 500-510.	1.3	263
72	Effect of estrogen on tendon collagen synthesis, tendon structural characteristics, and biomechanical properties in postmenopausal women. Journal of Applied Physiology, 2009, 106, 1385-1393.	1.2	112

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73	Effect of habitual exercise on the structural and mechanical properties of human tendon, in vivo, in men and women. Scandinavian Journal of Medicine and Science in Sports, 2008, 18, 23-30.	1.3	104
74	Ethinyl oestradiol administration in women suppresses synthesis of collagen in tendon in response to exercise. Journal of Physiology, 2008, 586, 3005-3016.	1.3	63
75	Novel methods for tendon investigations. Disability and Rehabilitation, 2008, 30, 1514-1522.	0.9	11
76	The mystery of female connective tissue. Journal of Applied Physiology, 2008, 105, 1026-1027.	1.2	24
77	Ethinyl estradiol suppress tendon collagen synthesis in response to exercise. FASEB Journal, 2008, 22, 753.28.	0.2	0
78	Tendon collagen synthesis at rest and after exercise in women. Journal of Applied Physiology, 2007, 102, 541-546.	1.2	135
79	The adaptability of tendon to loading differs in men and women. International Journal of Experimental Pathology, 2007, 88, 237-240.	0.6	165
80	Extracellular matrix adaptation of tendon and skeletal muscle to exercise. Journal of Anatomy, 2006, 208, 445-450.	0.9	210
81	No effect of menstrual cycle on myofibrillar and connective tissue protein synthesis in contracting skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2006, 290, E163-E168.	1.8	89
82	The adjuvant role of low dose total body irradiation following chemoimmunotherapy in elderly high risk patients with diffuse large B-cell lymphoma (DLBCL). Journal of Clinical Oncology, 2006, 24, 17523-17523.	0.8	0
83	No effect of growth hormone administration on substrate oxidation during exercise in young, lean men. Journal of Physiology, 2005, 567, 1035-1045.	1.3	26
84	Coordinated collagen and muscle protein synthesis in human patella tendon and quadriceps muscle after exercise. Journal of Physiology, 2005, 567, 1021-1033.	1.3	469
85	Effects of 2 wk of GH administration on 24-h indirect calorimetry in young, healthy, lean men. American Journal of Physiology - Endocrinology and Metabolism, 2005, 289, E1030-E1038.	1.8	12
86	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.. Blood, 2005, 106, 3354-3354.	0.6	6
87	A randomised trial of differentiated prednisolone treatment in active rheumatoid arthritis. Clinical benefits and skeletal side effects. Annals of the Rheumatic Diseases, 1999, 58, 713-718.	0.5	83
88	Quantification of the N-terminal propeptide of human procollagen type I (PINP): Comparison of ELISA and RIA with respect to different molecular forms. Clinica Chimica Acta, 1998, 269, 31-41.	0.5	28
89	Bone Metabolism in Patients with Systemic Lupus Erythematosus: Effect of disease activity and glucocorticoid treatment. Scandinavian Journal of Rheumatology, 1998, 27, 197-206.	0.6	41
90	Bone Loss in Rheumatoid Arthritis: Influence of disease activity, duration of the disease, functional capacity, and corticosteroid treatment. Scandinavian Journal of Rheumatology, 1996, 25, 367-376.	0.6	69

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91	Glucocorticoids inhibit the synthesis rate of type III collagen, but do not affect the hepatic clearance of its aminoterminal propeptide (PIIINP). Scandinavian Journal of Clinical and Laboratory Investigation, 1995, 55, 543-548.	0.6	6
92	Glucocorticoids inhibit the synthesis rate of type III collagen, but do not affect the hepatic clearance of its aminoterminal propeptide (PIIINP). Scandinavian Journal of Clinical and Laboratory Investigation, 1995, 55, 543-548.	0.6	3
93	Cobalamin binding proteins in human seminal plasma. Scandinavian Journal of Clinical and Laboratory Investigation, 1992, 52, 647-652.	0.6	11
94	Cobalamin binding proteins in patients with HIV infection. European Journal of Haematology, 1992, 48, 228-231.	1.1	8
95	Cobalamin binding proteins in the human fetus. Scandinavian Journal of Clinical and Laboratory Investigation, Supplement, 1989, 194, 23-6.	2.7	0
96	The interation of human transcobalamin isopeptides in cerebrospinal fluid and plasma with cobalamin and the cellular acceptor. Biochimica Et Biophysica Acta - General Subjects, 1987, 926, 359-364.	1.1	10