Lex B Verdijk

List of Publications by Year
in descending order

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135 papers	9,671 citations	38720 50 h-index	39638 94 g-index

135 all docs	135 docs citations	135 times ranked	9103 citing authors

#	Article	IF	Citations
1	Protein content and amino acid composition of commercially available plant-based protein isolates. Amino Acids, 2018, 50, 1685-1695.	1.2	535
2	The decline in skeletal muscle mass with aging is mainly attributed to a reduction in type II muscle fiber size. Experimental Gerontology, 2013, 48, 492-498.	1.2	522
3	Protein Supplementation Increases Muscle Mass Gain During Prolonged Resistance-Type Exercise Training in Frail Elderly People: A Randomized, Double-Blind, Placebo-Controlled Trial. Journal of the American Medical Directors Association, 2012, 13, 713-719.	1.2	449
4	Satellite cell content is specifically reduced in type II skeletal muscle fibers in the elderly. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E151-E157.	1.8	401
5	Patients With Type 2 Diabetes Show a Greater Decline in Muscle Mass, Muscle Strength, and Functional Capacity With Aging. Journal of the American Medical Directors Association, 2013, 14, 585-592.	1.2	366
6	Skeletal Muscle Hypertrophy Following Resistance Training Is Accompanied by a Fiber Type-Specific Increase in Satellite Cell Content in Elderly Men. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2009, 64A, 332-339.	1.7	282
7	Satellite cells in human skeletal muscle; from birth to old age. Age, 2014, 36, 545-557.	3.0	280
8	Aging Is Accompanied by a Blunted Muscle Protein Synthetic Response to Protein Ingestion. PLoS ONE, 2015, 10, e0140903.	1.1	242
9	Satellite cells in human skeletal muscle plasticity. Frontiers in Physiology, 2015, 6, 283.	1.3	236
10	Long-term leucine supplementation does not increase muscle mass or strength in healthy elderly men. American Journal of Clinical Nutrition, 2009, 89, 1468-1475.	2.2	235
11	There Are No Nonresponders to Resistance-Type Exercise Training inÂOlder Men and Women. Journal of the American Medical Directors Association, 2015, 16, 400-411.	1.2	215
12	Protein supplementation before and after exercise does not further augment skeletal muscle hypertrophy after resistance training in elderly men. American Journal of Clinical Nutrition, 2009, 89, 608-616.	2.2	214
13	The impact of sarcopenia and exercise training on skeletal muscle satellite cells. Ageing Research Reviews, 2009, 8, 328-338.	5.0	190
14	Leucine co-ingestion improves post-prandial muscle protein accretion in elderly men. Clinical Nutrition, 2013, 32, 412-419.	2.3	179
15	Neuromuscular electrical stimulation prevents muscle disuse atrophy during leg immobilization in humans. Acta Physiologica, 2014, 210, 628-641.	1.8	177
16	Elderly Men and Women Benefit Equally From Prolonged Resistance-Type Exercise Training. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2013, 68, 769-779.	1.7	169
17	Co-ingestion of protein and leucine stimulates muscle protein synthesis rates to the same extent in young and elderly lean men. American Journal of Clinical Nutrition, 2006, 84, 623-632.	2.2	158
18	One-repetition maximum strength test represents a valid means to assess leg strengthinÂvivoin humans. Journal of Sports Sciences, 2009, 27, 59-68.	1.0	158

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19	Prolonged Leucine Supplementation Does Not Augment Muscle Mass or Affect Glycemic Control in Elderly Type 2 Diabetic Men. Journal of Nutrition, 2011, 141, 1070-1076.	1.3	133
20	Protein Ingestion before Sleep Increases Muscle Mass and Strength Gains during Prolonged Resistance-Type Exercise Training in Healthy Young MenNitrogen1â€“3. Journal of Nutrition, 2015, 145, 1178-1184.	1.3	129
21	Disuse Impairs the Muscle Protein Synthetic Response to Protein Ingestion in Healthy Men. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 4872-4881.	1.8	127
22	Muscle fibre capillarization is a critical factor in muscle fibre hypertrophy during resistance exercise training in older men. Journal of Cachexia, Sarcopenia and Muscle, 2017, 8, 267-276.	2.9	114
23	Nitrate-Rich Vegetables Increase Plasma Nitrate and Nitrite Concentrations and Lower Blood Pressure in Healthy Adults. Journal of Nutrition, 2016, 146, 986-993.	1.3	108
24	Skeletal Muscle Disuse Atrophy Is Not Attenuated by Dietary Protein Supplementation in Healthy Older Men. Journal of Nutrition, 2014, 144, 1196-1203.	1.3	105
25	Protein Supplementation during Resistance-Type Exercise Training in the Elderly. Medicine and Science in Sports and Exercise, 2013, 45, 542-552.	0.2	104
26	Short-term muscle disuse lowers myofibrillar protein synthesis rates and induces anabolic resistance to protein ingestion. American Journal of Physiology - Endocrinology and Metabolism, 2016, 310, E137-E147.	1.8	103
27	Handgrip Strength Does Not Represent an Appropriate Measure to Evaluate Changes in Muscle Strength During an Exercise Intervention Program in Frail Older People. International Journal of Sport Nutrition and Exercise Metabolism, 2015, 25, 27-36.	1.0	96
28	Co-ingestion of leucine with protein does not further augment post-exercise muscle protein synthesis rates in elderly men. British Journal of Nutrition, 2008, 99, 571-580.	1.2	95
29	The skeletal muscle satellite cell response to a single bout of resistance-type exercise is delayed with aging in men. Age, 2014, 36, 9699.	3.0	87
30	Beetroot juice supplementation reduces whole body oxygen consumption but does not improve indices of mitochondrial efficiency in human skeletal muscle. Journal of Physiology, 2016, 594, 421-435.	1.3	87
31	Characteristics of Muscle Fiber Type Are Predictive of Skeletal Muscle Mass and Strength in Elderly Men. Journal of the American Geriatrics Society, 2010, 58, 2069-2075.	1.3	86
32	Age-Associated Impairments in Mitochondrial ADP Sensitivity Contribute to Redox Stress in Senescent Human Skeletal Muscle. Cell Reports, 2018, 22, 2837-2848.	2.9	86
33	Reduced Satellite Cell Numbers with Spinal Cord Injury and Aging in Humans. Medicine and Science in Sports and Exercise, 2012, 44, 2322-2330.	0.2	82
34	Eccentric Exercise Increases Satellite Cell Content in Type II Muscle Fibers. Medicine and Science in Sports and Exercise, 2013, 45, 230-237.	0.2	76
35	The Muscle Metabolome Differs between Healthy and Frail Older Adults. Journal of Proteome Research, 2016, 15, 499-509.	1.8	76
36	Neuromuscular electrical stimulation increases muscle protein synthesis in elderly type 2 diabetic men. American Journal of Physiology - Endocrinology and Metabolism, 2012, 303, E614-E623.	1.8	72

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37	Elevated Plasma Cardiac Troponin T Levels Caused by Skeletal Muscle Damage in Pompe Disease. Circulation: Cardiovascular Genetics, 2016, 9, 6-13.	5.1	70
38	Protein Ingestion before Sleep Increases Overnight Muscle Protein Synthesis Rates in Healthy Older Men: A Randomized Controlled Trial. Journal of Nutrition, 2017, 147, 2252-2261.	1.3	69
39	Beetroot Juice Supplementation Improves High-Intensity Intermittent Type Exercise Performance in Trained Soccer Players. Nutrients, 2017, 9, 314.	1.7	69
40	Protein Type, Protein Dose, and Age Modulate Dietary Protein Digestion and Phenylalanine Absorption Kinetics and Plasma Phenylalanine Availability in Humans. Journal of Nutrition, 2020, 150, 2041-2050.	1.3	64
41	Resistance Training Increases Skeletal Muscle Capillarization in Healthy Older Men. Medicine and Science in Sports and Exercise, 2016, 48, 2157-2164.	0.2	63
42	Branched-chain amino acid and branched-chain ketoacid ingestion increases muscle protein synthesis rates in vivo in older adults: a double-blind, randomized trial. American Journal of Clinical Nutrition, 2019, 110, 862-872.	2.2	63
43	Dose-response effects of dietary protein on muscle protein synthesis during recovery from endurance exercise in young men: a double-blind randomized trial. American Journal of Clinical Nutrition, 2020, 112, 303-317.	2.2	61
44	Resistance Exercise Augments Postprandial Overnight Muscle Protein Synthesis Rates. Medicine and Science in Sports and Exercise, 2016, 48, 2517-2525.	0.2	59
45	Temporal Response of Angiogenesis and Hypertrophy to Resistance Training in Young Men. Medicine and Science in Sports and Exercise, 2018, 50, 36-45.	0.2	59
46	Presleep dietary protein-derived amino acids are incorporated in myofibrillar protein during postexercise overnight recovery. American Journal of Physiology - Endocrinology and Metabolism, 2018, 314, E457-E467.	1.8	56
47	Muscle disuse atrophy is not accompanied by changes in skeletal muscle satellite cell content. Clinical Science, 2014, 126, 557-566.	1.8	55
48	Expression of protocadherin gamma in skeletal muscle tissue is associated with age and muscle weakness. Journal of Cachexia, Sarcopenia and Muscle, 2016, 7, 604-614.	2.9	55
49	Dose-Dependent Increases in Whole-Body Net Protein Balance and Dietary Protein-Derived Amino Acid Incorporation into Myofibrillar Protein During Recovery from Resistance Exercise in Older Men. Journal of Nutrition, 2019, 149, 221-230.	1.3	55
50	Physical Activity Performed in the Evening Increases the Overnight Muscle Protein Synthetic Response to Presleep Protein Ingestion in Older Men. Journal of Nutrition, 2016, 146, 1307-1314.	1.3	53
51	The concept of skeletal muscle memory: Evidence from animal and human studies. Acta Physiologica, 2020, 229, e13465.	1.8	52
52	A single bout of exercise activates skeletal muscle satellite cells during subsequent overnight recovery. Experimental Physiology, 2012, 97, 762-773.	0.9	51
53	The Martin Vigorimeter Represents a Reliable and More Practical Tool Than the Jamar Dynamometer to Assess Handgrip Strength inÂthe Geriatric Patient. Journal of the American Medical Directors Association, 2016, 17, 466.e1-466.e7.	1.2	51
54	Changes in myonuclear domain size do not precede muscle hypertrophy during prolonged resistanceâ€type exercise training. Acta Physiologica, 2016, 216, 231-239.	1.8	50

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55	Extensive Type II Muscle Fiber Atrophy in Elderly Female Hip Fracture Patients. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 1369-1375.	1.7	50
56	Insects are a viable protein source for human consumption: from insect protein digestion to postprandial muscle protein synthesis in vivo in humans: a double-blind randomized trial. American Journal of Clinical Nutrition, 2021, 114, 934-944.	2.2	47
57	The robustness of age-related gait adaptations: Can running counterbalance the consequences of ageing?. Gait and Posture, 2007, 25, 259-266.	0.6	46
58	One Week of Hospitalization Following Elective Hip Surgery Induces Substantial Muscle Atrophy in Older Patients. Journal of the American Medical Directors Association, 2019, 20, 35-42.	1.2	46
59	Can elite athletes benefit from dietary nitrate supplementation?. Journal of Applied Physiology, 2015, 119, 759-761.	1.2	45
60	The Impact of Pre-sleep Protein Ingestion on the Skeletal Muscle Adaptive Response to Exercise in Humans: An Update. Frontiers in Nutrition, 2019, 6, 17.	1.6	45
61	'Protein Supplementation after Exercise and before Sleep Does Not Further Augment Muscle Mass and Strength Gains during Resistance Exercise Training in Active Older Men. Journal of Nutrition, 2018, 148, 1723-1732.	1.3	43
62	Reduced AMPK-ACC and mTOR signaling in muscle from older men, and effect of resistance exercise. Mechanisms of Ageing and Development, 2012, 133, 655-664.	2.2	41
63	Muscle mass and strength gains following 6â€¯months of resistance type exercise training are only partly preserved within one year with autonomous exercise continuation in older adults. Experimental Gerontology, 2019, 121, 71-78.	1.2	41
64	Sodium nitrate ingestion increases skeletal muscle nitrate content in humans. Journal of Applied Physiology, 2017, 123, 637-644.	1.2	40
65	Repeatedâ€sprint performance and plasma responses following beetroot juice supplementation do not differ between recreational, competitive and elite sprint athletes. European Journal of Sport Science, 2018, 18, 524-533.	1.4	40
66	No effect of beetroot juice supplementation on exercise economy and performance in recreationally active females despite increased torque production. Physiological Reports, 2019, 7, e13982.	0.7	40
67	Postexercise cooling impairs muscle protein synthesis rates in recreational athletes. Journal of Physiology, 2020, 598, 755-772.	1.3	39
68	Both basal and post-prandial muscle protein synthesis rates, following the ingestion of a leucine-enriched whey protein supplement, are not impaired in sarcopenic older males. Clinical Nutrition, 2017, 36, 1440-1449.	2.3	38
69	Carbohydrate co-ingestion with protein does not further augment post-prandial muscle protein accretion in older men. Nutrition and Metabolism, 2013, 10, 15.	1.3	37
70	Protein Supplementation Augments Muscle Fiber Hypertrophy but Does Not Modulate Satellite Cell Content During Prolonged Resistance-Type Exercise Training in Frail Elderly. Journal of the American Medical Directors Association, 2017, 18, 608-615.	1.2	37
71	Leucine Supplementation Does Not Attenuate Skeletal Muscle Loss during Leg Immobilization in Healthy, Young Men. Nutrients, 2018, 10, 635.	1.7	37
72	The glycation level of milk protein strongly modulates post-prandial lysine availability in humans. British Journal of Nutrition, 2020, 123, 545-552.	1.2	37

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73	Increased Myogenic and Protein Turnover Signaling in Skeletal Muscle of Chronic Obstructive Pulmonary Disease Patients With Sarcopenia. Journal of the American Medical Directors Association, 2017, 18, 637.e1-637.e11.	1.2	36
74	Creatine Loading Does Not Preserve Muscle Mass or Strength During Leg Immobilization in Healthy, Young Males: A Randomized Controlled Trial. Sports Medicine, 2017, 47, 1661-1671.	3.1	36
75	Skeletal muscle unloading results in increased mitophagy and decreased mitochondrial biogenesis regulation. Muscle and Nerve, 2019, 60, 769-778.	1.0	35
76	No differences in muscle protein synthesis rates following ingestion of wheat protein, milk protein, and their protein blend in healthy, young males. British Journal of Nutrition, 2021, 126, 1832-1842.	1.2	34
77	Continuous enduranceâ€type exercise training does not modulate satellite cell content in obese type 2 diabetes patients. Muscle and Nerve, 2011, 43, 393-401.	1.0	33
78	Daily resistance-type exercise stimulates muscle protein synthesis in vivo in young men. Journal of Applied Physiology, 2018, 124, 66-75.	1.2	33
79	Ingestion of Free Amino Acids Compared with an Equivalent Amount of Intact Protein Results in More Rapid Amino Acid Absorption and Greater Postprandial Plasma Amino Acid Availability Without Affecting Muscle Protein Synthesis Rates in Young Adults in a Double-Blind Randomized Trial. Journal of Nutrition, 2022, 152, 59-67.	1.3	33
80	Habitual Dietary Nitrate Intake in Highly Trained Athletes. International Journal of Sport Nutrition and Exercise Metabolism, 2017, 27, 148-157.	1.0	33
81	Slowly Digestible Carbohydrate Sources Can Be Used to Attenuate the Postprandial Glycemic Response to the Ingestion of Diabetes-Specific Enteral Formulas. The Diabetes Educator, 2009, 35, 631-640.	2.6	32
82	No Effect of Acute and 6-Day Nitrate Supplementation on VO2 and Time-Trial Performance in Highly Trained Cyclists. International Journal of Sport Nutrition and Exercise Metabolism, 2017, 27, 11-17.	1.0	30
83	Myofibrillar and Mitochondrial Protein Synthesis Rates Do Not Differ in Young Men Following the Ingestion of Carbohydrate with Whey, Soy, or Leucine-Enriched Soy Protein after Concurrent Resistance- and Endurance-Type Exercise. Journal of Nutrition, 2019, 149, 210-220.	1.3	30
84	The impact of beetroot juice supplementation on muscular endurance, maximal strength and countermovement jump performance. European Journal of Sport Science, 2021, 21, 871-878.	1.4	29
85	Impact of the Macronutrient Composition of a Nutritional Supplement on Muscle Protein Synthesis Rates in Older Men: A Randomized, Double Blind, Controlled Trial. Journal of Clinical Endocrinology and Metabolism, 2015, 100, 4124-4132.	1.8	28
86	Cholecalciferol or 25-Hydroxycholecalciferol Supplementation Does Not Affect Muscle Strength and Physical Performance in Prefrail and Frail Older Adults. Journal of Nutrition, 2018, 148, 712-720.	1.3	26
87	Could intramuscular storage of dietary nitrate contribute to its ergogenic effect? A mini-review. Free Radical Biology and Medicine, 2020, 152, 295-300.	1.3	25
88	Acute Dietary Protein Intake Restriction Is Associated with Changes in Myostatin Expression after a Single Bout of Resistance Exercise in Healthy Young Men. Journal of Nutrition, 2014, 144, 137-145.	1.3	24
89	Leucine coingestion augments the muscle protein synthetic response to the ingestion of 15 g of protein following resistance exercise in older men. American Journal of Physiology - Endocrinology and Metabolism, 2019, 317, E473-E482.	1.8	23
90	Sucrose but Not Nitrate Ingestion Reduces Strenuous Cyclingâ€“induced Intestinal Injury. Medicine and Science in Sports and Exercise, 2019, 51, 436-444.	0.2	23

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91	Muscle fiber capillarization as determining factor on indices of insulin sensitivity in humans. Physiological Reports, 2017, 5, e13278.	0.7	22
92	The Effect of Beetroot Juice Supplementation on Dynamic Apnea and Intermittent Sprint Performance in Elite Female Water Polo Players. International Journal of Sport Nutrition and Exercise Metabolism, 2018, 28, 468-473.	1.0	22
93	Dietary feeding pattern does not modulate the loss of muscle mass or the decline in metabolic health during short-term bed rest. American Journal of Physiology - Endocrinology and Metabolism, 2019, 316, E536-E545.	1.8	22
94	The effect of acute and 7-days dietary nitrate on mechanical efficiency, exercise performance and cardiac biomarkers in patients with chronic obstructive pulmonary disease. Clinical Nutrition, 2018, 37, 1852-1861.	2.3	21
95	Myofibrillar and Mitochondrial Protein Synthesis Rates Do Not Differ in Young Men Following the Ingestion of Carbohydrate with Milk Protein, Whey, or Micellar Casein after Concurrent Resistance- and Endurance-Type Exercise. Journal of Nutrition, 2019, 149, 198-209.	1.3	21
96	Sarcopenia is Related to Mortality in the Acutely Hospitalized Geriatric Patient. Journal of Nutrition, Health and Aging, 2019, 23, 128-137.	1.5	20
97	Distinct skeletal muscle molecular responses to pulmonary rehabilitation in chronic obstructive pulmonary disease: a cluster analysis. Journal of Cachexia, Sarcopenia and Muscle, 2019, 10, 311-322.	2.9	19
98	Basal and Postprandial Myofibrillar Protein Synthesis Rates Do Not Differ between Lean and Obese Middle-Aged Men. Journal of Nutrition, 2019, 149, 1533-1542.	1.3	19
99	Casein Protein Processing Strongly Modulates Post-Prandial Plasma Amino Acid Responses In Vivo in Humans. Nutrients, 2020, 12, 2299.	1.7	19
100	During Hospitalization, Older Patients at Risk for Malnutrition Consume <0.65 Grams of Protein per Kilogram Body Weight per Day. Nutrition in Clinical Practice, 2020, 35, 655-663.	1.1	19
101	Blood Flow Restriction Only Increases Myofibrillar Protein Synthesis with Exercise. Medicine and Science in Sports and Exercise, 2019, 51, 1137-1145.	0.2	18
102	Satellite cell activation as a critical step in skeletal muscle plasticity. Experimental Physiology, 2014, 99, 1449-1450.	0.9	16
103	Global profiling of the muscle metabolome: method optimization, validation and application to determine exercise-induced metabolic effects. Metabolomics, 2015, 11, 271-285.	1.4	16
104	A Nitrate-Rich Vegetable Intervention ElevatesÂPlasma Nitrate and Nitrite Concentrations and Reduces Blood Pressure inÂHealthy Young Adults. Journal of the Academy of Nutrition and Dietetics, 2020, 120, 1305-1317.	0.4	16
105	May bed rest cause greater muscle loss than limb immobilization?. Acta Physiologica, 2016, 218, 10-2.	1.8	15
106	Exceptional body composition changes attributed to collagen peptide supplementation and resistance training in older sarcopenic men. British Journal of Nutrition, 2016, 116, 569-570.	1.2	15
107	Perioperative nutritional supplementation and skeletal muscle mass in older hip-fracture patients. Nutrition Reviews, 2019, 77, 254-266.	2.6	15
108	Mitochondrial DNA copy number associates with insulin sensitivity and aerobic capacity, and differs between sedentary, overweight middle-aged males with and without type 2 diabetes. International Journal of Obesity, 2020, 44, 929-936.	1.6	15

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109	Myonuclear content and domain size in small versus larger muscle fibres in response to 12 weeks of resistance exercise training in older adults. Acta Physiologica, 2021, 231, e13599.	1.8	15
110	Cheese Ingestion Increases Muscle Protein Synthesis Rates Both at Rest and During Recovery from Exercise in Healthy, Young Males: A Randomized Parallel-Group Trial. Journal of Nutrition, 2022, 152, 1022-1030.	1.3	14
111	The muscle protein synthetic response to the combined ingestion of protein and carbohydrate is not impaired in healthy older men. Age, 2013, 35, 2389-2398.	3.0	13
112	Increasing vegetable intake to obtain the health promoting and ergogenic effects of dietary nitrate. European Journal of Clinical Nutrition, 2018, 72, 1485-1489.	1.3	13
113	Intramyocellular lipid content and lipogenic gene expression responses following a single bout of resistance type exercise differ between young and older men. Experimental Gerontology, 2017, 93, 36-45.	1.2	12
114	No effect of 25-hydroxyvitamin D supplementation on the skeletal muscle transcriptome in vitamin D deficient frail older adults. BMC Geriatrics, 2019, 19, 151.	1.1	12
115	Protein Intake Falls below 0.6 gÂ·kg-1Â·d-1 in Healthy, Older Patients Admitted for Elective Hip or Knee Arthroplasty. Journal of Nutrition, Health and Aging, 2019, 23, 299-305.	1.5	12
116	Skeletal muscle fiber characteristics in patients with chronic heart failure: impact of disease severity and relation with muscle oxygenation during exercise. Journal of Applied Physiology, 2018, 125, 1266-1276.	1.2	11
117	Hot-water immersion does not increase postprandial muscle protein synthesis rates during recovery from resistance-type exercise in healthy, young males. Journal of Applied Physiology, 2020, 128, 1012-1022.	1.2	11
118	Casein Ingestion Does Not Increase Muscle Connective Tissue Protein Synthesis Rates. Medicine and Science in Sports and Exercise, 2020, 52, 1983-1991.	0.2	10
119	Exercise Plus Presleep Protein Ingestion Increases Overnight Muscle Connective Tissue Protein Synthesis Rates in Healthy Older Men. International Journal of Sport Nutrition and Exercise Metabolism, 2021, 31, 217-226.	1.0	10
120	Amino acid removal during hemodialysis can be compensated for by protein ingestion and is not compromised by intradialytic exercise: a randomized controlled crossover trial. American Journal of Clinical Nutrition, 2021, 114, 2074-2083.	2.2	10
121	A novel in vitro model for the assessment of postnatal myonuclear accretion. Skeletal Muscle, 2018, 8, 4.	1.9	9
122	The effect of exercise training on the course of cardiac troponin T and I levels: three independent training studies. Scientific Reports, 2016, 5, 18320.	1.6	8
123	Coordinated regulation of skeletal muscle mass and metabolic plasticity during recovery from disuse. FASEB Journal, 2019, 33, 1288-1298.	0.2	8
124	Nandrolone decanoate administration does not attenuate muscle atrophy during a short period of disuse. PLoS ONE, 2019, 14, e0210823.	1.1	8
125	Acute Effects of Dietary Nitrate on Exercise Tolerance, Muscle Oxygenation, and Cardiovascular Function in Patients With Peripheral Arterial Disease. International Journal of Sport Nutrition and Exercise Metabolism, 2021, 31, 385-396.	1.0	8
126	The effect of a six-month resistance-type exercise training program on the course of high sensitive cardiac troponin T levels in (pre)frail elderly. International Journal of Cardiology, 2014, 175, 374-375.	0.8	7

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127	Multifrequency bioelectrical impedance analysis may represent a reproducible and practical tool to assess skeletal muscle mass in euvolemic acutely ill hospitalized geriatric patients. European Geriatric Medicine, 2020, 11, 155-162.	1.2	7
128	Increasing Nitrate-Rich Vegetable Intake Lowers Ambulatory Blood Pressure in (pre)Hypertensive Middle-Aged and Older Adults: A 12-Wk Randomized Controlled Trial. Journal of Nutrition, 2021, 151, 2667-2679.	1.3	6
129	Development and validation of a rule-based strength scaling method for musculoskeletal modelling. International Journal of Human Factors Modelling and Simulation, 2015, 5, 19.	0.1	4
130	Last Word on Viewpoint: Can elite athletes benefit from dietary nitrate supplementation?. Journal of Applied Physiology, 2015, 119, 770-770.	1.2	4
131	Adipose tissue lipolytic inhibition enhances the glucoregulatory properties of exercise in type 2 diabetes patients. European Journal of Sport Science, 2018, 18, 1245-1254.	1.4	4
132	Exercise and Nutritional Interventions to Combat Age-Related Muscle Loss. , 2011, , 289-315.		3
133	Unbiased analysis of skeletal muscle molecular responses upon pulmonary rehabilitation in advanced COPD. , 2018, , .		1
134	Team Rwanda: will Africans dominate professional road cycling in the future?. British Journal of Sports Medicine, 2017, 51, 827-828.	3.1	0
135	The Effects of Acute and Chronic Beetroot Juice Supplementation on Exercise Economy and Time Trial Performance in Recreationally Active Females. FASEB Journal, 2018, 32, 724.7.	0.2	0