

Kenneth Smith

List of Publications by Year in descending order

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128
papers

10,034
citations

57752

44
h-index

34984

98
g-index

129
all docs

129
docs citations

129
times ranked

7987
citing authors

#	ARTICLE	IF	CITATIONS
1	Acute Skeletal Muscle Wasting in Critical Illness. JAMA - Journal of the American Medical Association, 2013, 310, 1591.	7.4	1,379
2	Anabolic signaling deficits underlie amino acid resistance of wasting, aging muscle. FASEB Journal, 2005, 19, 1-22.	0.5	968
3	Age-related differences in the dose-response relationship of muscle protein synthesis to resistance exercise in young and old men. Journal of Physiology, 2009, 587, 211-217.	2.9	577
4	Coordinated collagen and muscle protein synthesis in human patella tendon and quadriceps muscle after exercise. Journal of Physiology, 2005, 567, 1021-1033.	2.9	469
5	Selective activation of AMPK or PKB/TSC2/mTOR signaling can explain specific adaptive responses to endurance or resistance training like electrical muscle stimulation. FASEB Journal, 2005, 19, 1-23.	0.5	391
6	Myofibrillar muscle protein synthesis rates subsequent to a meal in response to increasing doses of whey protein at rest and after resistance exercise. American Journal of Clinical Nutrition, 2014, 99, 86-95.	4.7	385
7	Muscle full effect after oral protein: time-dependent concordance and discordance between human muscle protein synthesis and mTORC1 signaling. American Journal of Clinical Nutrition, 2010, 92, 1080-1088.	4.7	315
8	Two Weeks of Reduced Activity Decreases Leg Lean Mass and Induces "Anabolic Resistance" of Myofibrillar Protein Synthesis in Healthy Elderly. Journal of Clinical Endocrinology and Metabolism, 2013, 98, 2604-2612.	3.6	306
9	The temporal responses of protein synthesis, gene expression and cell signalling in human quadriceps muscle and patellar tendon to disuse. Journal of Physiology, 2007, 585, 241-251.	2.9	267
10	Distinct anabolic signalling responses to amino acids in C2C12 skeletal muscle cells. Amino Acids, 2010, 38, 1533-1539.	2.7	246
11	Myofibrillar and collagen protein synthesis in human skeletal muscle in young men after maximal shortening and lengthening contractions. American Journal of Physiology - Endocrinology and Metabolism, 2005, 288, E1153-E1159.	3.5	215
12	Blunting of insulin inhibition of proteolysis in legs of older subjects may contribute to age-related sarcopenia. American Journal of Clinical Nutrition, 2009, 90, 1343-1350.	4.7	173
13	Acute Post-Exercise Myofibrillar Protein Synthesis Is Not Correlated with Resistance Training-Induced Muscle Hypertrophy in Young Men. PLoS ONE, 2014, 9, e89431.	2.5	167
14	Skeletal muscle hypertrophy adaptations predominate in the early stages of resistance exercise training, matching deuterium oxide-derived measures of muscle protein synthesis and mechanistic target of rapamycin complex 1 signaling. FASEB Journal, 2015, 29, 4485-4496.	0.5	165
15	Growth hormone stimulates the collagen synthesis in human tendon and skeletal muscle without affecting myofibrillar protein synthesis. Journal of Physiology, 2010, 588, 341-351.	2.9	160
16	A validation of the application of D ₂ O stable isotope tracer techniques for monitoring day-to-day changes in muscle protein subfraction synthesis in humans. American Journal of Physiology - Endocrinology and Metabolism, 2014, 306, E571-E579.	3.5	159
17	Synchronous deficits in cumulative muscle protein synthesis and ribosomal biogenesis underlie age-related anabolic resistance to exercise in humans. Journal of Physiology, 2016, 594, 7399-7417.	2.9	157
18	Role of insulin in the regulation of human skeletal muscle protein synthesis and breakdown: a systematic review and meta-analysis. Diabetologia, 2016, 59, 44-55.	6.3	155

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19	Anabolic signaling and protein synthesis in human skeletal muscle after dynamic shortening or lengthening exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006, 290, E731-E738.	3.5	140
20	Human Skeletal Muscle Disuse Atrophy: Effects on Muscle Protein Synthesis, Breakdown, and Insulin Resistance—A Qualitative Review. <i>Frontiers in Physiology</i> , 2016, 7, 361.	2.8	140
21	Tendon collagen synthesis at rest and after exercise in women. <i>Journal of Applied Physiology</i> , 2007, 102, 541-546.	2.5	135
22	Metabolic phenotype of skeletal muscle in early critical illness. <i>Thorax</i> , 2018, 73, 926-935.	5.6	135
23	The influence of carbohydrate-protein co-ingestion following endurance exercise on myofibrillar and mitochondrial protein synthesis. <i>Journal of Physiology</i> , 2011, 589, 4011-4025.	2.9	121
24	Intake of low-dose leucine-rich essential amino acids stimulates muscle anabolism equivalently to bolus whey protein in older women at rest and after exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 308, E1056-E1065.	3.5	113
25	Effects of flooding amino acids on incorporation of labeled amino acids into human muscle protein. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1998, 275, E73-E78.	3.5	111
26	Muscle Protein Synthetic Responses to Exercise: Effects of Age, Volume, and Intensity. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2012, 67, 1170-1177.	3.6	102
27	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.	3.5	89
28	Obesity Appears to Be Associated With Altered Muscle Protein Synthetic and Breakdown Responses to Increased Nutrient Delivery in Older Men, but Not Reduced Muscle Mass or Contractile Function. <i>Diabetes</i> , 2015, 64, 3160-3171.	0.6	83
29	Effects of leucine-enriched essential amino acid and whey protein bolus dosing upon skeletal muscle protein synthesis at rest and after exercise in older women. <i>Clinical Nutrition</i> , 2018, 37, 2011-2021.	5.0	83
30	Fuel for the work required: a practical approach to amalgamating train-low paradigms for endurance athletes. <i>Physiological Reports</i> , 2016, 4, e12803.	1.7	79
31	Focal adhesion kinase is required for IGF-I-mediated growth of skeletal muscle cells via a TSC2/mTOR/S6K1-associated pathway. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013, 305, E183-E193.	3.5	68
32	Development of a new SonoVue [®] contrast-enhanced ultrasound approach reveals temporal and age-related features of muscle microvascular responses to feeding. <i>Physiological Reports</i> , 2013, 1, e00119.	1.7	65
33	Human Bone Collagen Synthesis Is a Rapid, Nutritionally Modulated Process. <i>Journal of Bone and Mineral Research</i> , 2005, 20, 930-937.	2.8	62
34	Physiological adaptations to resistance exercise as a function of age. <i>JCI Insight</i> , 2017, 2, .	5.0	61
35	Overexpression of the vitamin D receptor (VDR) induces skeletal muscle hypertrophy. <i>Molecular Metabolism</i> , 2020, 42, 101059.	6.5	61
36	Human Skeletal Muscle Protein Metabolism Responses to Amino Acid Nutrition. <i>Advances in Nutrition</i> , 2016, 7, 828S-838S.	6.4	59

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37	Protein Carbonylation and Heat Shock Proteins in Human Skeletal Muscle: Relationships to Age and Sarcopenia. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015, 70, 174-181.	3.6	57
38	Early structural remodeling and deuterium oxide-derived protein metabolic responses to eccentric and concentric loading in human skeletal muscle. <i>Physiological Reports</i> , 2015, 3, e12593.	1.7	57
39	Relative Contribution of Intramyocellular Lipid to Whole-Body Fat Oxidation Is Reduced With Age but Subsarcolemmal Lipid Accumulation and Insulin Resistance Are Only Associated With Overweight Individuals. <i>Diabetes</i> , 2016, 65, 840-850.	0.6	56
40	Testosterone therapy induces molecular programming augmenting physiological adaptations to resistance exercise in older men. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2019, 10, 1276-1294.	7.3	56
41	A Dose- rather than Delivery Profile-Dependent Mechanism Regulates the Muscle-Full Effect in Response to Oral Essential Amino Acid Intake in Young Men. <i>Journal of Nutrition</i> , 2015, 145, 207-214.	2.9	53
42	Nutraceuticals in relation to human skeletal muscle and exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017, 312, E282-E299.	3.5	51
43	Enriching a protein drink with leucine augments muscle protein synthesis after resistance exercise in young and older men. <i>Clinical Nutrition</i> , 2017, 36, 888-895.	5.0	49
44	Links Between Testosterone, Oestrogen, and the Growth Hormone/Insulin-Like Growth Factor Axis and Resistance Exercise Muscle Adaptations. <i>Frontiers in Physiology</i> , 2020, 11, 621226.	2.8	49
45	Resistance exercise training improves age-related declines in leg vascular conductance and rejuvenates acute leg blood flow responses to feeding and exercise. <i>Journal of Applied Physiology</i> , 2012, 112, 347-353.	2.5	48
46	New approaches and recent results concerning human-tissue collagen synthesis. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2007, 10, 582-590.	2.5	44
47	Stable isotope tracers and exercise physiology: past, present and future. <i>Journal of Physiology</i> , 2017, 595, 2873-2882.	2.9	43
48	Internal comparison between deuterium oxide (D_2O) and $L\text{-}[\text{ring-}^{13}\text{C}_6]$ phenylalanine for acute measurement of muscle protein synthesis in humans. <i>Physiological Reports</i> , 2015, 3, e12433.	1.7	42
49	The impact of delivery profile of essential amino acids upon skeletal muscle protein synthesis in older men: clinical efficacy of pulse vs. bolus supply. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 309, E450-E457.	3.5	42
50	CORP: The use of deuterated water for the measurement of protein synthesis. <i>Journal of Applied Physiology</i> , 2020, 128, 1163-1176.	2.5	42
51	The Association Between Area Deprivation Index and Patient-Reported Outcomes in Patients with Advanced Cancer. <i>Health Equity</i> , 2021, 5, 8-16.	1.9	40
52	Age-related alterations in muscle architecture are a signature of sarcopenia: the ultrasound sarcopenia index. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 973-982.	7.3	38
53	The mechanisms of skeletal muscle atrophy in response to transient knockdown of the vitamin D receptor <i>in vivo</i> . <i>Journal of Physiology</i> , 2021, 599, 963-979.	2.9	36
54	Human skeletal muscle is refractory to the anabolic effects of leucine during the postprandial muscle-full period in older men. <i>Clinical Science</i> , 2017, 131, 2643-2653.	4.3	33

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55	Muscle and Tendon Contributions to Reduced Rate of Torque Development in Healthy Older Males. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 539-545.	3.6	33
56	It's not just about protein turnover: the role of ribosomal biogenesis and satellite cells in the regulation of skeletal muscle hypertrophy. <i>European Journal of Sport Science</i> , 2019, 19, 952-963.	2.7	33
57	The effects of resistance exercise training on macro- and micro-circulatory responses to feeding and skeletal muscle protein anabolism in older men. <i>Journal of Physiology</i> , 2015, 593, 2721-2734.	2.9	32
58	Neuromuscular recruitment strategies of the vastus lateralis according to sex. <i>Acta Physiologica</i> , 2022, 235, e13803.	3.8	31
59	The efficacy of unsupervised home-based exercise regimens in comparison to supervised laboratory-based exercise training upon cardio-respiratory health facets. <i>Physiological Reports</i> , 2017, 5, e13390.	1.7	29
60	Blunting of AICAR-induced human skeletal muscle glucose uptake in type 2 diabetes is dependent on age rather than diabetic status. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2009, 296, E1042-E1048.	3.5	28
61	Muscle and tendon adaptations to moderate load eccentric vs. concentric resistance exercise in young and older males. <i>GeroScience</i> , 2021, 43, 1567-1584.	4.6	28
62	The effect of short-term exercise prehabilitation on skeletal muscle protein synthesis and atrophy during bed rest in older men. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 52-69.	7.3	28
63	Recent developments in deuterium oxide tracer approaches to measure rates of substrate turnover. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2017, 20, 375-381.	2.5	26
64	Pharmacological enhancement of leg and muscle microvascular blood flow does not augment anabolic responses in skeletal muscle of young men under fed conditions. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E168-E176.	3.5	25
65	A double-blind placebo controlled trial into the impacts of HMB supplementation and exercise on free-living muscle protein synthesis, muscle mass and function, in older adults. <i>Clinical Nutrition</i> , 2019, 38, 2071-2078.	5.0	25
66	The metabolic and temporal basis of muscle hypertrophy in response to resistance exercise. <i>European Journal of Sport Science</i> , 2016, 16, 633-644.	2.7	23
67	Declines in muscle protein synthesis account for short-term muscle disuse atrophy in humans in the absence of increased muscle protein breakdown. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 2005-2016.	7.3	23
68	Supplementing essential amino acids with the nitric oxide precursor, l-arginine, enhances skeletal muscle perfusion without impacting anabolism in older men. <i>Clinical Nutrition</i> , 2017, 36, 1573-1579.	5.0	22
69	Environmental hypoxia favors myoblast differentiation and fast phenotype but blunts activation of protein synthesis after resistance exercise in human skeletal muscle. <i>FASEB Journal</i> , 2018, 32, 5272-5284.	0.5	20
70	Exploring mechanistic links between extracellular branched-chain amino acids and muscle insulin resistance: an in vitro approach. <i>American Journal of Physiology - Cell Physiology</i> , 2020, 319, C1151-C1157.	4.6	20
71	Acute cocoa flavanol supplementation improves muscle macro- and microvascular but not anabolic responses to amino acids in older men. <i>Applied Physiology, Nutrition and Metabolism</i> , 2016, 41, 548-556.	1.9	18
72	A Novel Dietary Intervention Reduces Circulatory Branched-Chain Amino Acids by 50%: A Pilot Study of Relevance for Obesity and Diabetes. <i>Nutrients</i> , 2021, 13, 95.	4.1	17

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73	Effects of sprint interval training on ectopic lipids and tissue-specific insulin sensitivity in men with non-alcoholic fatty liver disease. <i>European Journal of Applied Physiology</i> , 2018, 118, 817-828.	2.5	15
74	The application of stable isotope tracers to study human musculoskeletal protein turnover: a tale of bag filling and bag enlargement. <i>Journal of Physiology</i> , 2019, 597, 1235-1249.	2.9	15
75	Differential Stimulation of Post-Exercise Myofibrillar Protein Synthesis in Humans Following Isonitrogenous, Isocaloric Pre-Exercise Feeding. <i>Nutrients</i> , 2019, 11, 1657.	4.1	15
76	The physiological impact of high intensity interval training in octogenarians with comorbidities. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 866-879.	7.3	15
77	Increasing skeletal muscle carnitine content in older individuals increases whole body fat oxidation during moderate intensity exercise. <i>Aging Cell</i> , 2021, 20, e13303.	6.7	15
78	Tart cherry concentrate does not enhance muscle protein synthesis response to exercise and protein in healthy older men. <i>Experimental Gerontology</i> , 2018, 110, 202-208.	2.8	14
79	Integrated Myofibrillar Protein Synthesis in Recovery From Unaccustomed and Accustomed Resistance Exercise With and Without Multi-ingredient Supplementation in Overweight Older Men. <i>Frontiers in Nutrition</i> , 2019, 6, 40.	3.7	14
80	Glucagon-like peptide 1 infusions overcome anabolic resistance to feeding in older human muscle. <i>Aging Cell</i> , 2020, 19, e13202.	6.7	14
81	The acute transcriptional response to resistance exercise: impact of age and contraction mode. <i>Aging</i> , 2019, 11, 2111-2126.	3.1	14
82	Network analysis of human muscle adaptation to aging and contraction. <i>Aging</i> , 2020, 12, 740-755.	3.1	14
83	LAT1 and SNAT2 Protein Expression and Membrane Localization of LAT1 Are Not Acutely Altered by Dietary Amino Acids or Resistance Exercise Nor Positively Associated with Leucine or Phenylalanine Incorporation in Human Skeletal Muscle. <i>Nutrients</i> , 2021, 13, 3906.	4.1	14
84	Metformin Increases Cortisol Regeneration by 11 β HSD1 in Obese Men With and Without Type 2 Diabetes Mellitus. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 3787-3793.	3.6	12
85	Physiological adaptations to resistance training in rats selectively bred for low and high response to aerobic exercise training. <i>Experimental Physiology</i> , 2018, 103, 1513-1523.	2.0	12
86	High Levels of Physical Activity in Later Life Are Associated With Enhanced Markers of Mitochondrial Metabolism. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020, 75, 1481-1487.	3.6	12
87	Dietary protein, exercise, ageing and physical inactivity: interactive influences on skeletal muscle proteostasis. <i>Proceedings of the Nutrition Society</i> , 2021, 80, 106-117.	1.0	12
88	The effect of acute oral phosphatidic acid ingestion on myofibrillar protein synthesis and intracellular signaling in older males. <i>Clinical Nutrition</i> , 2019, 38, 1423-1432.	5.0	10
89	Associations between Plasma Branched Chain Amino Acids and Health Biomarkers in Response to Resistance Exercise Training Across Age. <i>Nutrients</i> , 2020, 12, 3029.	4.1	10
90	The Effects of Very Low Energy Diets and Low Energy Diets with Exercise Training on Skeletal Muscle Mass: A Narrative Review. <i>Advances in Therapy</i> , 2021, 38, 149-163.	2.9	9

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91	Pharmacological hypogonadism impairs molecular transducers of exercise-induced muscle growth in humans. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2022, 13, 1134-1150.	7.3	9
92	Effects of High-Volume Versus High-Load Resistance Training on Skeletal Muscle Growth and Molecular Adaptations. <i>Frontiers in Physiology</i> , 2022, 13, 857555.	2.8	9
93	A novel stable isotope tracer method to simultaneously quantify skeletal muscle protein synthesis and breakdown. <i>Metabolism Open</i> , 2020, 5, 100022.	2.9	8
94	Principles of stable isotope research – with special reference to protein metabolism. <i>Clinical Nutrition Open Science</i> , 2021, 36, 111-125.	1.3	8
95	Transcriptomic links to muscle mass loss and declines in cumulative muscle protein synthesis during short-term disuse in healthy younger humans. <i>FASEB Journal</i> , 2021, 35, e21830.	0.5	8
96	The Effect of Whey Protein Supplementation on Myofibrillar Protein Synthesis and Performance Recovery in Resistance-Trained Men. <i>Nutrients</i> , 2020, 12, 845.	4.1	7
97	Combined in vivo muscle mass, muscle protein synthesis and muscle protein breakdown measurement: a Combined Oral Stable Isotope Assessment of Muscle (COSIAM) approach. <i>GeroScience</i> , 2021, 43, 2653-2665.	4.6	7
98	Transcriptomic adaptation during skeletal muscle habituation to eccentric or concentric exercise training. <i>Scientific Reports</i> , 2021, 11, 23930.	3.3	7
99	Application of deuterium oxide (D ₂ O) to metabolic research: just D ₂ O it? Depends just how you D ₂ O it!. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 308, E847-E847.	3.5	6
100	A 4-week, lifestyle-integrated, home-based exercise training programme elicits improvements in physical function and lean mass in older men and women: a pilot study. <i>F1000Research</i> , 2017, 6, 1235.	1.6	6
101	Higher strength gain after hypoxic vs normoxic resistance training despite no changes in muscle thickness and fractional protein synthetic rate. <i>FASEB Journal</i> , 2021, 35, e21773.	0.5	6
102	Six weeks of high-intensity interval training enhances contractile activity induced vascular reactivity and skeletal muscle perfusion in older adults. <i>GeroScience</i> , 2021, 43, 2667-2678.	4.6	6
103	The Combined Oral Stable Isotope Assessment of Muscle (COSIAM) reveals D-3 creatine derived muscle mass as a standout cross-sectional biomarker of muscle physiology vitality in older age. <i>GeroScience</i> , 2022, , 1.	4.6	6
104	Interpreting COVID-19 Test Results: a Bayesian Approach. <i>Journal of General Internal Medicine</i> , 2020, 35, 2490-2491.	2.6	5
105	Phenylbutyrate, a branched-chain amino acid keto dehydrogenase activator, promotes branched-chain amino acid metabolism and induces muscle catabolism in C2C12 cells. <i>Experimental Physiology</i> , 2021, 106, 585-592.	2.0	5
106	Cocoa Flavanols Adjuvant to an Oral Nutritional Supplement Acutely Enhances Nutritive Flow in Skeletal Muscle without Altering Leg Glucose Uptake Kinetics in Older Adults. <i>Nutrients</i> , 2021, 13, 1646.	4.1	5
107	A novel puromycin decorporation method to quantify skeletal muscle protein breakdown: A proof-of-concept study. <i>Biochemical and Biophysical Research Communications</i> , 2017, 494, 608-614.	2.1	4
108	The metabolic and molecular mechanisms of hyperammonaemia- and hyperethanolaemia-induced protein catabolism in skeletal muscle cells. <i>Journal of Cellular Physiology</i> , 2018, 233, 9663-9673.	4.1	4

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109	The effect of oral essential amino acids on incretin hormone production in youth and ageing. <i>Endocrinology, Diabetes and Metabolism</i> , 2019, 2, e00085.	2.4	4
110	Green Tea Extract Concurrent with an Oral Nutritional Supplement Acutely Enhances Muscle Microvascular Blood Flow without Altering Leg Glucose Uptake in Healthy Older Adults. <i>Nutrients</i> , 2021, 13, 3895.	4.1	4
111	Myokine Responses to Exercise in a Rat Model of Low/High Adaptive Potential. <i>Frontiers in Endocrinology</i> , 2021, 12, 645881.	3.5	3
112	Curcumin Enhances Fed-State Muscle Microvascular Perfusion but Not Leg Glucose Uptake in Older Adults. <i>Nutrients</i> , 2022, 14, 1313.	4.1	3
113	Gene-based analysis of angiogenesis, mitochondrial and insulin-related pathways in skeletal muscle of older individuals following nutraceutical supplementation. <i>Journal of Functional Foods</i> , 2019, 56, 216-223.	3.4	2
114	Challenges and practical recommendations for successfully recruiting inactive, statin-free older adults to clinical trials. <i>BMC Research Notes</i> , 2020, 13, 174.	1.4	2
115	Targeted genotype analyses of GWAS-derived lean body mass and handgrip strength-associated single-nucleotide polymorphisms in elite master athletes. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2020, 319, R184-R194.	1.8	2
116	A collagen extraction and deuterium oxide stable isotope tracer method for the quantification of bone collagen synthesis rates <i>in vivo</i> . <i>Physiological Reports</i> , 2021, 9, e14799.	1.7	2
117	Michael J. Rennie: a perspective on a scientist whose life's work helped sculpt knowledge about the regulation of the musculoskeletal system by nutrition, exercise and inactivity. <i>Experimental Physiology</i> , 2017, 102, 611-613.	2.0	1
118	Ammonium chloride administration prior to exercise has muscle-specific effects on mitochondrial and myofibrillar protein synthesis in rats. <i>Physiological Reports</i> , 2021, 9, e14797.	1.7	1
119	Exploring the impact of COVID-19 on the willingness of older adults to participate in physiology research: views from past and potential volunteers. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021, 46, 1147-1151.	1.9	0
120	Determining the Influence of Habitual Dietary Protein Intake on Physiological Muscle Parameters in Youth and Older Age. <i>Nutrients</i> , 2021, 13, 3560.	4.1	0
121	Activation of anabolic signal transduction pathways in L6 muscle cells in response to Amino Acids (AA) and Insulin. <i>FASEB Journal</i> , 2008, 22, 306.6.	0.5	0
122	Disuse atrophy delays and reduces amino acid induced activation of key translational signaling proteins in humans. <i>FASEB Journal</i> , 2008, 22, 1225.6.	0.5	0
123	The "muscle" effect after oral protein: time-dependent concordance/discordance between muscle protein synthesis (MPS) and mammalian target of rapamycin (mTOR)-associated signaling. <i>FASEB Journal</i> , 2010, 24, 331.1.	0.5	0
124	20 wk resistance training (RT) in 70 y olds improves glucose handling and leg blood flow (LBF) responsiveness to feeding and exercise plus feeding without reversing age-related declines in protein kinase B (PKB) responses or increasing endothelial markers. <i>FASEB Journal</i> , 2010, 24, 618.11.	0.5	0
125	Human skeletal muscle microvascular blood volume: effects of ageing, feeding and exercise training. <i>FASEB Journal</i> , 2012, 26, 1142.2.	0.5	0
126	Adding arginine to an essential amino acid (EAA) feed reverses age-related impairments in vascular responsiveness. <i>FASEB Journal</i> , 2013, 27, 679.5.	0.5	0

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127	The effects of bolus versus pulse feeding strategies on muscle anabolism in older men. FASEB Journal, 2013, 27, 1208.3.	0.5	0
128	Resistance exercise training reverses age-related impairments in macro and microvascular blood flow and the associated blunted muscle protein synthesis response to nutrition. FASEB Journal, 2013, 27, 1132.9.	0.5	0