

# Elena Volpi

## List of Publications by Year in descending order

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Version: 2024-02-01

162  
papers

15,110  
citations

22099

59  
h-index

18075

120  
g-index

168  
all docs

168  
docs citations

168  
times ranked

12610  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biology of Activating Transcription Factor 4 (ATF4) and Its Role in Skeletal Muscle Atrophy. Journal of Nutrition, 2022, 152, 926-938.	1.3	20
2	A Photography-based, Social Media Walking Intervention Targeting Autonomous Motivations for Physical Activity: Semistructured Interviews With Older Women. JMIR Serious Games, 2022, 10, e35511.	1.7	3
3	Effect of a Multifactorial Fall Injury Prevention Intervention on Patient Well-Being: The <scp>STRIDE</scp> Study. Journal of the American Geriatrics Society, 2021, 69, 173-179.	1.3	15
4	A multi-center trial of exercise and testosterone therapy in women after hip fracture: Design, methods and impact of the COVID-19 pandemic. Contemporary Clinical Trials, 2021, 104, 106356.	0.8	6
5	Effect of the lysosomotropic agent chloroquine on mTORC1 activation and protein synthesis in human skeletal muscle. Nutrition and Metabolism, 2021, 18, 61.	1.3	4
6	Dietary Intake Patterns of Community-Dwelling Older Adults After Acute Hospitalization. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2021, , .	1.7	2
7	Intranasal Oxytocin Improves Lean Muscle Mass and Lowers LDL Cholesterol in Older Adults with Sarcopenic Obesity: A Pilot Randomized Controlled Trial. Journal of the American Medical Directors Association, 2021, 22, 1877-1882.e2.	1.2	15
8	Exercise Intolerance in Older Adults With Heart Failure With Preserved Ejection Fraction. Journal of the American College of Cardiology, 2021, 78, 1166-1187.	1.2	87
9	Effect of essential amino acid supplementation and aerobic exercise on insulin sensitivity in healthy older adults: A randomized clinical trial. Clinical Nutrition, 2020, 39, 1371-1378.	2.3	6
10	Developing a screening tool for sarcopenia in hospitalized geriatric patients: Estimation of appendicular skeletal muscle mass using bioelectrical impedance. Clinical Nutrition, 2020, 39, 2233-2237.	2.3	3
11	AGS and NIA Bench-to Bedside Conference Summary: Osteoporosis and Soft Tissue (Muscle and Fat) Disorders. Journal of the American Geriatrics Society, 2020, 68, 31-38.	1.3	13
12	Effects of Amino Acid Supplementation on Liver Lipid Content: A Randomized, Double-Blinded, Placebo-Controlled Trial. Current Developments in Nutrition, 2020, 4, nzaa040_033.	0.1	2
13	Sex Hormones and Novel Corona Virus Infectious Disease (COVID-19). Mayo Clinic Proceedings, 2020, 95, 1710-1714.	1.4	110
14	Resistance exercise training promotes fiber type-specific myonuclear adaptations in older adults. Journal of Applied Physiology, 2020, 128, 795-804.	1.2	35
15	Type 2 Diabetes Reduces the Muscle Anabolic Effect of Resistance Exercise Training in Older Adults. Innovation in Aging, 2020, 4, 529-529.	0.0	1
16	1-Year Rehospitalization and Mortality Rates in Geriatric Patients after Acute Hospitalization. Innovation in Aging, 2020, 4, 911-912.	0.0	0
17	Intranasal Oxytocin Improves Lean Muscle Mass in Older Adults With Sarcopenic Obesity: A Pilot Study. Innovation in Aging, 2020, 4, 133-133.	0.0	1
18	Effect of Aerobic Exercise Training and Essential Amino Acid Supplementation for 24 Weeks on Physical Function, Body Composition, and Muscle Metabolism in Healthy, Independent Older Adults: A Randomized Clinical Trial. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 1598-1604.	1.7	38

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19	Low skeletal muscle capillarization limits muscle adaptation to resistance exercise training in older adults. <i>Experimental Gerontology</i> , 2019, 127, 110723.	1.2	48
20	Effect of high-fat diet on peripheral blood mononuclear cells and adipose tissue in early stages of diet-induced weight gain. <i>British Journal of Nutrition</i> , 2019, 122, 1359-1367.	1.2	6
21	Tricyclic Antidepressant and/or $\beta$ -Aminobutyric Acid Analog Use Is Associated With Fall Risk in Diabetic Peripheral Neuropathy. <i>Journal of the American Geriatrics Society</i> , 2019, 67, 1174-1181.	1.3	11
22	Whey Protein Hydrolysate Increases Amino Acid Uptake, mTORC1 Signaling, and Protein Synthesis in Skeletal Muscle of Healthy Young Men in a Randomized Crossover Trial. <i>Journal of Nutrition</i> , 2019, 149, 1149-1158.	1.3	25
23	A Phase I Randomized Clinical Trial of Evidence-Based, Pragmatic Interventions to Improve Functional Recovery After Hospitalization in Geriatric Patients. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 1628-1636.	1.7	14
24	Functional Improvements Utilizing the Short Physical Performance Battery (SPPB) in the Elderly after Epidural Steroid Injections. <i>Current Pain and Headache Reports</i> , 2019, 23, 14.	1.3	8
25	Is leucine content in dietary protein the key to muscle preservation in older women?. <i>American Journal of Clinical Nutrition</i> , 2018, 107, 143-144.	2.2	0
26	A Randomized Controlled Pilot Trial of Interventions to Improve Functional Recovery After Hospitalization in Older Adults: Feasibility and Adherence. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 187-193.	1.7	19
27	Sex-dependent difference in the relationship between adipose tissue cholesterol efflux and estradiol concentrations in young healthy humans. <i>International Journal of Developmental Neuroscience</i> , 2018, 64, 59-62.	0.7	2
28	Strategies to Reduce Injuries and Develop Confidence in Elders (STRIDE): A Cluster-Randomized Pragmatic Trial of a Multifactorial Fall Injury Prevention Strategy: Design and Methods. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018, 73, 1053-1061.	1.7	56
29	Muscle Protein Anabolic Resistance to Essential Amino Acids Does Not Occur in Healthy Older Adults Before or After Resistance Exercise Training. <i>Journal of Nutrition</i> , 2018, 148, 900-909.	1.3	49
30	Protein Requirements in Critically Ill Older Adults. <i>Nutrients</i> , 2018, 10, 378.	1.7	20
31	Quantification of muscle triglyceride synthesis rate requires an adjustment for total triglyceride content. <i>Journal of Lipid Research</i> , 2018, 59, 2018-2024.	2.0	2
32	Palmitoyl-carnitine production by blood cells associates with the concentration of circulating acyl-carnitines in healthy overweight women. <i>Clinical Nutrition</i> , 2017, 36, 1310-1319.	2.3	4
33	Post-absorptive muscle protein turnover affects resistance training hypertrophy. <i>European Journal of Applied Physiology</i> , 2017, 117, 853-866.	1.2	45
34	Protein Supplementation Does Not Affect Myogenic Adaptations to Resistance Training. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 1197-1208.	0.2	31
35	The impact of postexercise essential amino acid ingestion on the ubiquitin proteasome and autophagosomal-lysosomal systems in skeletal muscle of older men. <i>Journal of Applied Physiology</i> , 2017, 122, 620-630.	1.2	26
36	Essential amino acid ingestion alters expression of genes associated with amino acid sensing, transport, and mTORC1 regulation in human skeletal muscle. <i>Nutrition and Metabolism</i> , 2017, 14, 35.	1.3	20

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37	Brown Adipose Tissue Is Linked to a Distinct Thermoregulatory Response to Mild Cold in People. <i>Frontiers in Physiology</i> , 2016, 7, 129.	1.3	43
38	Brown Adipose Tissue Activation Is Linked to Distinct Systemic Effects on Lipid Metabolism in Humans. <i>Cell Metabolism</i> , 2016, 23, 1200-1206.	7.2	264
39	Identifying effective and feasible interventions to accelerate functional recovery from hospitalization in older adults: A randomized controlled pilot trial. <i>Contemporary Clinical Trials</i> , 2016, 49, 6-14.	0.8	16
40	Androgen Therapy and Rehospitalization in Older Men With Testosterone Deficiency. <i>Mayo Clinic Proceedings</i> , 2016, 91, 587-595.	1.4	6
41	Protein Supplementation Has Minimal Effects on Muscle Adaptations during Resistance Exercise Training in Young Men: A Double-Blind Randomized Clinical Trial. <i>Journal of Nutrition</i> , 2016, 146, 1660-1669.	1.3	44
42	Efficacy and Safety of Leucine Supplementation in the Elderly. <i>Journal of Nutrition</i> , 2016, 146, 2625S-2629S.	1.3	54
43	Soy-Dairy Protein Blend or Whey Protein Isolate Ingestion Induces Similar Postexercise Muscle Mechanistic Target of Rapamycin Complex 1 Signaling and Protein Synthesis Responses in Older Men. <i>Journal of Nutrition</i> , 2016, 146, 2468-2475.	1.3	50
44	Testing the effects of narrative and play on physical activity among breast cancer survivors using mobile apps: study protocol for a randomized controlled trial. <i>BMC Cancer</i> , 2016, 16, 202.	1.1	44
45	Age-related differences in lean mass, protein synthesis and skeletal muscle markers of proteolysis after bed rest and exercise rehabilitation. <i>Journal of Physiology</i> , 2015, 593, 4259-4273.	1.3	164
46	Protein intake and muscle function in older adults. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2015, 18, 248-253.	1.3	166
47	Effect of age on basal muscle protein synthesis and mTORC1 signaling in a large cohort of young and older men and women. <i>Experimental Gerontology</i> , 2015, 65, 1-7.	1.2	116
48	Use of the short physical performance battery and step monitoring to evaluate improvements after epidural steroid injections in an elderly patient. <i>Journal of Clinical Gerontology and Geriatrics</i> , 2015, 6, 68-70.	0.7	1
49	Characterization of Skin Aging-Associated Secreted Proteins (SAASP) Produced by Dermal Fibroblasts Isolated from Intrinsically Aged Human Skin. <i>Journal of Investigative Dermatology</i> , 2015, 135, 1954-1968.	0.3	152
50	Impact of combined resistance and aerobic exercise training on branched-chain amino acid turnover, glycine metabolism and insulin sensitivity in overweight humans. <i>Diabetologia</i> , 2015, 58, 2324-2335.	2.9	103
51	Mitochondrial respiratory capacity and coupling control decline with age in human skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015, 309, E224-E232.	1.8	107
52	The Influence of Excess Postexercise Leucine Ingestion on Markers of Autophagy in Skeletal Muscle of Older Men. <i>FASEB Journal</i> , 2015, 29, LB680.	0.2	0
53	Vitamin D and Endothelial Vasodilation in Older Individuals: Data From the PIVUS Study. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014, 99, 3382-3389.	1.8	16
54	Insulin increases mRNA abundance of the amino acid transporter SLC7A5/LAT1 via an mTORC1-dependent mechanism in skeletal muscle cells. <i>Physiological Reports</i> , 2014, 2, e00238.	0.7	25

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55	Leucine-Enriched Amino Acid Ingestion after Resistance Exercise Prolongs Myofibrillar Protein Synthesis and Amino Acid Transporter Expression in Older Men. <i>Journal of Nutrition</i> , 2014, 144, 1694-1702.	1.3	83
56	Activation of mTORC1 signaling and protein synthesis in human muscle following blood flow restriction exercise is inhibited by rapamycin. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 306, E1198-E1204.	1.8	93
57	Brown Adipose Tissue Improves Whole-Body Glucose Homeostasis and Insulin Sensitivity in Humans. <i>Diabetes</i> , 2014, 63, 4089-4099.	0.3	627
58	Gender effects of supplemental amino acids on non-alcoholic fatty liver disease and chronic inflammation (1025.14). <i>FASEB Journal</i> , 2014, 28, 1025.14.	0.2	0
59	Higher sodium and saturated fat intake is associated with lower muscle protein synthesis in elders (820.16). <i>FASEB Journal</i> , 2014, 28, 820.16.	0.2	0
60	Evidence-Based Recommendations for Optimal Dietary Protein Intake in Older People: A Position Paper From the PROT-AGE Study Group. <i>Journal of the American Medical Directors Association</i> , 2013, 14, 542-559.	1.2	1,767
61	Kyphoplasty for Vertebral Augmentation in the Elderly With Osteoporotic Vertebral Compression Fractures: Scenarios and Review of Recent Studies. <i>Clinical Therapeutics</i> , 2013, 35, 1721-1727.	1.1	9
62	Ageing differentially affects human skeletal muscle amino acid transporter expression when essential amino acids are ingested after exercise. <i>Clinical Nutrition</i> , 2013, 32, 273-280.	2.3	60
63	Endothelial function and the regulation of muscle protein anabolism in older adults. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2013, 23, S44-S50.	1.1	40
64	Rapamycin does not affect post-absorptive protein metabolism in human skeletal muscle. <i>Metabolism: Clinical and Experimental</i> , 2013, 62, 144-151.	1.5	16
65	Is the Optimal Level of Protein Intake for Older Adults Greater Than the Recommended Dietary Allowance?. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2013, 68, 677-681.	1.7	291
66	Short-term bed rest increases TLR4 and IL-6 expression in skeletal muscle of older adults. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2013, 305, R216-R223.	0.9	84
67	Skeletal Muscle Autophagy and Protein Breakdown Following Resistance Exercise are Similar in Younger and Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2013, 68, 599-607.	1.7	138
68	Exercise and Nutrition to Target Protein Synthesis Impairments in Aging Skeletal Muscle. <i>Exercise and Sport Sciences Reviews</i> , 2013, 41, 216-223.	1.6	107
69	Addition of Carbohydrate or Alanine to an Essential Amino Acid Mixture Does Not Enhance Human Skeletal Muscle Protein Anabolism. <i>Journal of Nutrition</i> , 2013, 143, 307-314.	1.3	42
70	Protein Blend Ingestion Following Resistance Exercise Promotes Human Muscle Protein Synthesis. <i>Journal of Nutrition</i> , 2013, 143, 410-416.	1.3	136
71	Deficiency in Repair of the Mitochondrial Genome Sensitizes Proliferating Myoblasts to Oxidative Damage. <i>PLoS ONE</i> , 2013, 8, e75201.	1.1	32
72	Effect of prolonged, mild cold exposure on metabolic regulation in insulin resistant overweight and obese men. <i>FASEB Journal</i> , 2013, 27, 1154.20.	0.2	1

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73	The acute aerobic exercise-induced increase in amino acid transporter expression adapts to exercise training in older adults. <i>FASEB Journal</i> , 2013, 27, 350.3.	0.2	0
74	Excess postexercise leucine ingestion enhances muscle protein synthesis in skeletal muscle of older men. <i>FASEB Journal</i> , 2013, 27, 350.2.	0.2	0
75	Acute oral amino acid intake increases both secretion and breakdown of very low density lipoprotein-triacylglycerol. <i>FASEB Journal</i> , 2013, 27, 1192.25.	0.2	0
76	A moderate acute increase in physical activity enhances nutritive flow and the muscle protein anabolic response to mixed nutrient intake in older adults. <i>American Journal of Clinical Nutrition</i> , 2012, 95, 1403-1412.	2.2	117
77	Constitutively Active Mutant gp130 Receptor Protein from Inflammatory Hepatocellular Adenoma Is Inhibited by an Anti-gp130 Antibody That Specifically Neutralizes Interleukin 11 Signaling. <i>Journal of Biological Chemistry</i> , 2012, 287, 13743-13751.	1.6	29
78	Pulsatile Portal Vein Insulin Delivery Enhances Hepatic Insulin Action and Signaling. <i>Diabetes</i> , 2012, 61, 2269-2279.	0.3	142
79	Reactive hyperemia is not responsible for stimulating muscle protein synthesis following blood flow restriction exercise. <i>Journal of Applied Physiology</i> , 2012, 112, 1520-1528.	1.2	84
80	Bed rest impairs skeletal muscle amino acid transporter expression, mTORC1 signaling, and protein synthesis in response to essential amino acids in older adults. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012, 302, E1113-E1122.	1.8	180
81	PAX7+ satellite cells in young and older adults following resistance exercise. <i>Muscle and Nerve</i> , 2012, 46, 51-59.	1.0	43
82	The effect of acute oral amino acid intake on fatty acid oxidation. <i>FASEB Journal</i> , 2012, 26, 1b723.	0.2	0
83	Protein Distribution Effect on Indices of Satiety. <i>FASEB Journal</i> , 2012, 26, 1013.5.	0.2	0
84	Rapamycin administration does not impair basal protein metabolism in human skeletal muscle. <i>FASEB Journal</i> , 2012, 26, 1075.3.	0.2	1
85	Muscle protein synthesis is suboptimal following a typical carbohydrate-rich breakfast. <i>FASEB Journal</i> , 2012, 26, 1013.7.	0.2	0
86	Chronic Heart Failure is Associated with Elevated Skeletal Muscle Inflammation and Toll-Like Receptor 4 Signaling. <i>FASEB Journal</i> , 2012, 26, 835.12.	0.2	0
87	Short-term bed rest increases inflammation as evidenced by elevated TLR4, NF- $\kappa$ B1 and IL6 expression in skeletal muscle of older adults. <i>FASEB Journal</i> , 2012, 26, 715.2.	0.2	0
88	Basal muscle protein synthesis is unaffected by sex in young and older adults. <i>FASEB Journal</i> , 2012, 26, 42.6.	0.2	0
89	Influence of excess postexercise leucine ingestion on mTORC1 signaling and gene expression in skeletal muscle of older men: a 24 hr time-course. <i>FASEB Journal</i> , 2012, 26, 42.8.	0.2	0
90	Acute aerobic exercise increases AdipoR1 and RAGE proteins and decreases HSP60 protein in skeletal muscle of physically inactive older adults. <i>FASEB Journal</i> , 2012, 26, 1142.5.	0.2	0

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91	Effect of protein blend vs whey protein ingestion on muscle protein synthesis following resistance exercise. <i>FASEB Journal</i> , 2012, 26, 1013.9.	0.2	0
92	Aging impairs contraction-induced human skeletal muscle mTORC1 signaling and protein synthesis. <i>Skeletal Muscle</i> , 2011, 1, 11.	1.9	288
93	Aerobic Exercise for Treatment of Sarcopenia: Targeting Insulin Resistance and Endothelial Dysfunction. <i>Japanese Journal of Physical Fitness and Sports Medicine</i> , 2011, 60, 38-38.	0.0	0
94	Protein metabolism in women and men: similarities and disparities. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2011, 14, 93-97.	1.3	31
95	Skeletal muscle amino acid transporter expression is increased in young and older adults following resistance exercise. <i>Journal of Applied Physiology</i> , 2011, 111, 135-142.	1.2	95
96	Aging and microRNA expression in human skeletal muscle: a microarray and bioinformatics analysis. <i>Physiological Genomics</i> , 2011, 43, 595-603.	1.0	206
97	Mammalian Target of Rapamycin Complex 1 Activation Is Required for the Stimulation of Human Skeletal Muscle Protein Synthesis by Essential Amino Acids <sup>1&amp;#x2013;3</sup> . <i>Journal of Nutrition</i> , 2011, 141, 856-862.	1.3	225
98	Muscle protein metabolism responds similarly to exogenous amino acids in healthy younger and older adults during NO-induced hyperemia. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2011, 301, R1408-R1417.	0.9	36
99	Skeletal muscle satellite cell content following acute resistance exercise with or without essential amino acid ingestion in young adults. <i>FASEB Journal</i> , 2011, 25, 983.16.	0.2	0
100	Effects of dietary soy, whey and caseinate blends versus whey or soy alone on skeletal muscle protein synthesis in rats. <i>FASEB Journal</i> , 2011, 25, 217.6.	0.2	1
101	Nutritional predictors of muscle protein metabolism and function in older adults. <i>FASEB Journal</i> , 2011, 25, 983.18.	0.2	0
102	BFR Exercise Increases S6K1 Phosphorylation in Type&#x2011;I and Type&#x2011;II Skeletal Muscle Fibers. <i>FASEB Journal</i> , 2011, 25, .	0.2	0
103	High levels of leucine are required for the upregulation of amino acid transporters in human skeletal muscle following essential amino acid ingestion. <i>FASEB Journal</i> , 2011, 25, 233.6.	0.2	0
104	Excess Leucine Intake Enhances Muscle Anabolic Signaling but Not Net Protein Anabolism in Young Men and Women. <i>Journal of Nutrition</i> , 2010, 140, 1970-1976.	1.3	158
105	Pharmacological Vasodilation Improves Insulin-Stimulated Muscle Protein Anabolism but Not Glucose Utilization in Older Adults. <i>Diabetes</i> , 2010, 59, 2764-2771.	0.3	120
106	Muscle protein breakdown has a minor role in the protein anabolic response to essential amino acid and carbohydrate intake following resistance exercise. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 2010, 299, R533-R540.	0.9	140
107	An increase in essential amino acid availability upregulates amino acid transporter expression in human skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010, 298, E1011-E1018.	1.8	186
108	Insulin Stimulates Human Skeletal Muscle Protein Synthesis via an Indirect Mechanism Involving Endothelial-Dependent Vasodilation and Mammalian Target of Rapamycin Complex 1 Signaling. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010, 95, 3848-3857.	1.8	143

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109	Blood flow restriction exercise stimulates mTORC1 signaling and muscle protein synthesis in older men. <i>Journal of Applied Physiology</i> , 2010, 108, 1199-1209.	1.2	288
110	Amino Acid Transporter Expression is Increased in Human Skeletal Muscle Following Essential Amino Acid Ingestion. <i>FASEB Journal</i> , 2010, 24, 97.6.	0.2	0
111	Muscle protein breakdown has a minor role in the protein anabolic response to essential amino acid and carbohydrate intake following resistance exercise. <i>FASEB Journal</i> , 2010, 24, 740.5.	0.2	0
112	Aerobic Exercise Enhances The Muscle Protein Anabolic Effect Of A Mixed Meal In Older Adults. <i>FASEB Journal</i> , 2010, 24, 97.7.	0.2	0
113	Skeletal muscle protein synthesis and mTORC1 signaling following resistance exercise in young and older men and women. <i>FASEB Journal</i> , 2010, 24, 997.10.	0.2	0
114	The Influence of Long-Term Essential Amino Acid Supplementation on Measures of Body Composition in Recreationally Active Older Adults. <i>FASEB Journal</i> , 2010, 24, 739.8.	0.2	0
115	Effect of rapamycin administration in humans on the skeletal muscle protein anabolic response to essential amino acid ingestion. <i>FASEB Journal</i> , 2010, 24, .	0.2	1
116	Aging is associated with a dysregulated human skeletal muscle microRNA-499 and -208b expression following resistance exercise. <i>FASEB Journal</i> , 2010, 24, 997.11.	0.2	0
117	Essential amino acid and carbohydrate ingestion before resistance exercise does not enhance postexercise muscle protein synthesis. <i>Journal of Applied Physiology</i> , 2009, 106, 1730-1739.	1.2	101
118	Expression of growth-related genes in young and older human skeletal muscle following an acute stimulation of protein synthesis. <i>Journal of Applied Physiology</i> , 2009, 106, 1403-1411.	1.2	85
119	Essential Amino Acids Increase MicroRNA-499, -208b, and -23a and Downregulate Myostatin and Myocyte Enhancer Factor 2C mRNA Expression in Human Skeletal Muscle. <i>Journal of Nutrition</i> , 2009, 139, 2279-2284.	1.3	105
120	Supraphysiological hyperinsulinaemia is necessary to stimulate skeletal muscle protein anabolism in older adults: evidence of a true age-related insulin resistance of muscle protein metabolism. <i>Diabetologia</i> , 2009, 52, 1889-1898.	2.9	133
121	Rapamycin administration in humans blocks the contraction-induced increase in skeletal muscle protein synthesis. <i>Journal of Physiology</i> , 2009, 587, 1535-1546.	1.3	354
122	Novel Noninvasive Breath Test Method for Screening Individuals at Risk for Diabetes. <i>Diabetes Care</i> , 2009, 32, 430-435.	4.3	27
123	The anabolic effect of insulin is dependent on its ability to increase blood flow and muscle perfusion in human subjects. <i>FASEB Journal</i> , 2009, 23, 991.21.	0.2	0
124	Amino acids are necessary for the insulin-induced activation of mTOR/S6K1 signaling and protein synthesis in healthy and insulin resistant human skeletal muscle. <i>Clinical Nutrition</i> , 2008, 27, 447-456.	2.3	64
125	Skeletal muscle protein anabolic response to resistance exercise and essential amino acids is delayed with aging. <i>Journal of Applied Physiology</i> , 2008, 104, 1452-1461.	1.2	326
126	Leucine-enriched essential amino acid and carbohydrate ingestion following resistance exercise enhances mTOR signaling and protein synthesis in human muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 294, E392-E400.	1.8	360



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127	Sequential muscle biopsies during a 6-h tracer infusion do not affect human mixed muscle protein synthesis and muscle phenylalanine kinetics. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 295, E959-E963.	1.8	18
128	Resistance exercise increases human skeletal muscle AS160/TBC1D4 phosphorylation in association with enhanced leg glucose uptake during postexercise recovery. <i>Journal of Applied Physiology</i> , 2008, 105, 1967-1974.	1.2	33
129	Amino acid metabolism and regulatory effects in aging. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2008, 11, 45-49.	1.3	88
130	Role of dietary protein in the sarcopenia of aging. <i>American Journal of Clinical Nutrition</i> , 2008, 87, 1562S-1566S.	2.2	341
131	Human Muscle Gene Expression following Resistance Exercise and Blood Flow Restriction. <i>Medicine and Science in Sports and Exercise</i> , 2008, 40, 691-698.	0.2	143
132	Skeletal muscle anabolic response to resistance exercise and essential amino acids is delayed with aging. <i>FASEB Journal</i> , 2008, 22, 959.17.	0.2	0
133	12 weeks of Aquatic Exercise Training modifies mTOR signaling following Essential Amino Acid + Carbohydrate Ingestion in Older Subjects. <i>FASEB Journal</i> , 2008, 22, 753.13.	0.2	0
134	Expression of genes regulating protein synthesis in young and old human muscle following resistance exercise and essential amino acid ingestion. <i>FASEB Journal</i> , 2008, 22, 754.5.	0.2	0
135	Synthesis and breakdown of Very Low Density Lipoprotein ApoB100 measured with stable isotope methodology. <i>FASEB Journal</i> , 2008, 22, 948.2.	0.2	0
136	Leucine-enriched essential amino acid and carbohydrate ingestion in women increases skeletal muscle mTOR and Akt/AS160 signaling. <i>FASEB Journal</i> , 2008, 22, 959.16.	0.2	0
137	Nutritional energy in the regulation of human muscle mTOR signaling following resistance exercise. <i>FASEB Journal</i> , 2008, 22, 959.19.	0.2	0
138	Blood flow restriction during low-intensity resistance exercise increases S6K1 phosphorylation and muscle protein synthesis. <i>Journal of Applied Physiology</i> , 2007, 103, 903-910.	1.2	367
139	Aerobic Exercise Overcomes the Age-Related Insulin Resistance of Muscle Protein Metabolism by Improving Endothelial Function and Akt/Mammalian Target of Rapamycin Signaling. <i>Diabetes</i> , 2007, 56, 1615-1622.	0.3	178
140	Basal muscle intracellular amino acid kinetics in women and men. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007, 292, E77-E83.	1.8	68
141	Nutrient signalling in the regulation of human muscle protein synthesis. <i>Journal of Physiology</i> , 2007, 582, 813-823.	1.3	272
142	Amino acid metabolism and inflammatory burden in ovarian cancer patients undergoing intense oncological therapy. <i>Clinical Nutrition</i> , 2007, 26, 736-743.	2.3	68
143	Glucose-derived breath CO <sub>2</sub> kinetics in IGT and NGT subjects following an oral glucose load. <i>FASEB Journal</i> , 2007, 21, A835.	0.2	0
144	Skeletal Muscle Protein Anabolic Response to Increased Energy and Insulin Is Preserved in Poorly Controlled Type 2 Diabetes. <i>Journal of Nutrition</i> , 2006, 136, 1249-1255.	1.3	41

#	ARTICLE	IF	CITATIONS
145	Amino Acids and Muscle Loss with Aging. <i>Journal of Nutrition</i> , 2006, 136, 277S-280S.	1.3	149
146	Resistance exercise increases AMPK activity and reduces 4E-BP1 phosphorylation and protein synthesis in human skeletal muscle. <i>Journal of Physiology</i> , 2006, 576, 613-624.	1.3	438
147	Effect of insulin on human skeletal muscle protein synthesis is modulated by insulin-induced changes in muscle blood flow and amino acid availability. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006, 291, E745-E754.	1.8	199
148	Androgen Therapy Induces Muscle Protein Anabolism in Older Women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006, 91, 3844-3849.	1.8	53
149	Insulin resistance of muscle protein metabolism in aging. <i>FASEB Journal</i> , 2006, 20, 768-769.	0.2	312
150	Short-term insulin and nutritional energy provision do not stimulate muscle protein synthesis if blood amino acid availability decreases. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005, 289, E999-E1006.	1.8	49
151	The Relationships Between Testosterone, Body Composition, and Insulin Resistance: A lesson from a case of extreme hyperandrogenism. <i>Diabetes Care</i> , 2005, 28, 429-432.	4.3	13
152	Role of Protein and Amino Acids in the Pathophysiology and Treatment of Sarcopenia. <i>Journal of the American College of Nutrition</i> , 2005, 24, 140S-145S.	1.1	90
153	Nutrition and sarcopenia of ageing. <i>Nutrition Research Reviews</i> , 2004, 17, 69-76.	2.1	31
154	Amino acid ingestion improves muscle protein synthesis in the young and elderly. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004, 286, E321-E328.	1.8	395
155	Muscle tissue changes with aging. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2004, 7, 405-410.	1.3	342
156	Essential amino acids are primarily responsible for the amino acid stimulation of muscle protein anabolism in healthy elderly adults. <i>American Journal of Clinical Nutrition</i> , 2003, 78, 250-258.	2.2	679
157	Basal Muscle Amino Acid Kinetics and Protein Synthesis in Healthy Young and Older Men. <i>JAMA - Journal of the American Medical Association</i> , 2001, 286, 1206.	3.8	354
158	Ethanol and Protein Metabolism. <i>Alcoholism: Clinical and Experimental Research</i> , 2001, 25, 262S-268S.	1.4	12
159	Ethanol and Protein Metabolism. <i>Alcoholism: Clinical and Experimental Research</i> , 2001, 25, 262S-268S.	1.4	3
160	Measurement of skin protein breakdown in a rat model. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2000, 279, E900-E906.	1.8	15
161	The Response of Muscle Protein Anabolism to Combined Hyperaminoacidemia and Glucose-Induced Hyperinsulinemia Is Impaired in the Elderly. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000, 85, 4481-4490.	1.8	383
162	Oral amino acids stimulate muscle protein anabolism in the elderly despite higher first-pass splanchnic extraction. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1999, 277, E513-E520.	1.8	233