Elena Volpi

List of Publications by Year
in descending order

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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	Evidence-Based Recommendations for Optimal Dietary Protein Intake in Older People: A Position Paper From the PROT-AGE Study Group. Journal of the American Medical Directors Association, 2013, 14, 542-559.	1.2	1,767
2	Essential amino acids are primarily responsible for the amino acid stimulation of muscle protein anabolism in healthy elderly adults. American Journal of Clinical Nutrition, 2003, 78, 250-258.	2.2	679
3	Brown Adipose Tissue Improves Whole-Body Glucose Homeostasis and Insulin Sensitivity in Humans. Diabetes, 2014, 63, 4089-4099.	0.3	627
4	Resistance exercise increases AMPK activity and reduces 4E-BP1 phosphorylation and protein synthesis in human skeletal muscle. Journal of Physiology, 2006, 576, 613-624.	1.3	438
5	Amino acid ingestion improves muscle protein synthesis in the young and elderly. American Journal of Physiology - Endocrinology and Metabolism, 2004, 286, E321-E328.	1.8	395
6	The Response of Muscle Protein Anabolism to Combined Hyperaminoacidemia and Glucose-Induced Hyperinsulinemia Is Impaired in the Elderly¹. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 4481-4490.	1.8	383
7	Blood flow restriction during low-intensity resistance exercise increases S6K1 phosphorylation and muscle protein synthesis. Journal of Applied Physiology, 2007, 103, 903-910.	1.2	367
8	Leucine-enriched essential amino acid and carbohydrate ingestion following resistance exercise enhances mTOR signaling and protein synthesis in human muscle. American Journal of Physiology - Endocrinology and Metabolism, 2008, 294, E392-E400.	1.8	360
9	Basal Muscle Amino Acid Kinetics and Protein Synthesis in Healthy Young and Older Men. JAMA - Journal of the American Medical Association, 2001, 286, 1206.	3.8	354
10	Rapamycin administration in humans blocks the contractionâ€induced increase in skeletal muscle protein synthesis. Journal of Physiology, 2009, 587, 1535-1546.	1.3	354
11	Muscle tissue changes with aging. Current Opinion in Clinical Nutrition and Metabolic Care, 2004, 7, 405-410.	1.3	342
12	Role of dietary protein in the sarcopenia of aging. American Journal of Clinical Nutrition, 2008, 87, 1562S-1566S.	2.2	341
13	Skeletal muscle protein anabolic response to resistance exercise and essential amino acids is delayed with aging. Journal of Applied Physiology, 2008, 104, 1452-1461.	1.2	326
14	Insulin resistance of muscle protein metabolism in aging. FASEB Journal, 2006, 20, 768-769.	0.2	312
15	Is the Optimal Level of Protein Intake for Older Adults Greater Than the Recommended Dietary Allowance?. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2013, 68, 677-681.	1.7	291
16	Blood flow restriction exercise stimulates mTORC1 signaling and muscle protein synthesis in older men. Journal of Applied Physiology, 2010, 108, 1199-1209.	1.2	288
17	Aging impairs contraction-induced human skeletal muscle mTORC1 signaling and protein synthesis. Skeletal Muscle, 2011, 1, 11.	1.9	288
18	Nutrient signalling in the regulation of human muscle protein synthesis. Journal of Physiology, 2007, 582, 813-823.	1.3	272

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19	Brown Adipose Tissue Activation Is Linked to Distinct Systemic Effects on Lipid Metabolism in Humans. Cell Metabolism, 2016, 23, 1200-1206.	7.2	264
20	Oral amino acids stimulate muscle protein anabolism in the elderly despite higher first-pass splanchnic extraction. American Journal of Physiology - Endocrinology and Metabolism, 1999, 277, E513-E520.	1.8	233
21	Mammalian Target of Rapamycin Complex 1 Activation Is Required for the Stimulation of Human Skeletal Muscle Protein Synthesis by Essential Amino Acids1â€“3. Journal of Nutrition, 2011, 141, 856-862.	1.3	225
22	Aging and microRNA expression in human skeletal muscle: a microarray and bioinformatics analysis. Physiological Genomics, 2011, 43, 595-603.	1.0	206
23	Effect of insulin on human skeletal muscle protein synthesis is modulated by insulin-induced changes in muscle blood flow and amino acid availability. American Journal of Physiology - Endocrinology and Metabolism, 2006, 291, E745-E754.	1.8	199
24	An increase in essential amino acid availability upregulates amino acid transporter expression in human skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2010, 298, E1011-E1018.	1.8	186
25	Bed rest impairs skeletal muscle amino acid transporter expression, mTORC1 signaling, and protein synthesis in response to essential amino acids in older adults. American Journal of Physiology - Endocrinology and Metabolism, 2012, 302, E1113-E1122.	1.8	180
26	Aerobic Exercise Overcomes the Age-Related Insulin Resistance of Muscle Protein Metabolism by Improving Endothelial Function and Akt/Mammalian Target of Rapamycin Signaling. Diabetes, 2007, 56, 1615-1622.	0.3	178
27	Protein intake and muscle function in older adults. Current Opinion in Clinical Nutrition and Metabolic Care, 2015, 18, 248-253.	1.3	166
28	Ageâ€related differences in lean mass, protein synthesis and skeletal muscle markers of proteolysis after bed rest and exercise rehabilitation. Journal of Physiology, 2015, 593, 4259-4273.	1.3	164
29	Excess Leucine Intake Enhances Muscle Anabolic Signaling but Not Net Protein Anabolism in Young Men and Women. Journal of Nutrition, 2010, 140, 1970-1976.	1.3	158
30	Characterization of Skin Agingâ€“Associated Secreted Proteins (SAASP) Produced by Dermal Fibroblasts Isolated from Intrinsically Aged Human Skin. Journal of Investigative Dermatology, 2015, 135, 1954-1968.	0.3	152
31	Amino Acids and Muscle Loss with Aging. Journal of Nutrition, 2006, 136, 277S-280S.	1.3	149
32	Human Muscle Gene Expression following Resistance Exercise and Blood Flow Restriction. Medicine and Science in Sports and Exercise, 2008, 40, 691-698.	0.2	143
33	Insulin Stimulates Human Skeletal Muscle Protein Synthesis via an Indirect Mechanism Involving Endothelial-Dependent Vasodilation and Mammalian Target of Rapamycin Complex 1 Signaling. Journal of Clinical Endocrinology and Metabolism, 2010, 95, 3848-3857.	1.8	143
34	Pulsatile Portal Vein Insulin Delivery Enhances Hepatic Insulin Action and Signaling. Diabetes, 2012, 61, 2269-2279.	0.3	142
35	Muscle protein breakdown has a minor role in the protein anabolic response to essential amino acid and carbohydrate intake following resistance exercise. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 299, R533-R540.	0.9	140
36	Skeletal Muscle Autophagy and Protein Breakdown Following Resistance Exercise are Similar in Younger and Older Adults. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2013, 68, 599-607.	1.7	138

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37	Protein Blend Ingestion Following Resistance Exercise Promotes Human Muscle Protein Synthesis. Journal of Nutrition, 2013, 143, 410-416.	1.3	136
38	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. Diabetologia, 2009, 52, 1889-1898.	2.9	133
39	Pharmacological Vasodilation Improves Insulin-Stimulated Muscle Protein Anabolism but Not Glucose Utilization in Older Adults. Diabetes, 2010, 59, 2764-2771.	0.3	120
40	A moderate acute increase in physical activity enhances nutritive flow and the muscle protein anabolic response to mixed nutrient intake in older adults. American Journal of Clinical Nutrition, 2012, 95, 1403-1412.	2.2	117
41	Effect of age on basal muscle protein synthesis and mTORC1 signaling in a large cohort of young and older men and women. Experimental Gerontology, 2015, 65, 1-7.	1.2	116
42	Sex Hormones and Novel Corona Virus Infectious Disease (COVID-19). Mayo Clinic Proceedings, 2020, 95, 1710-1714.	1.4	110
43	Exercise and Nutrition to Target Protein Synthesis Impairments in Aging Skeletal Muscle. Exercise and Sport Sciences Reviews, 2013, 41, 216-223.	1.6	107
44	Mitochondrial respiratory capacity and coupling control decline with age in human skeletal muscle. American Journal of Physiology - Endocrinology and Metabolism, 2015, 309, E224-E232.	1.8	107
45	Essential Amino Acids Increase MicroRNA-499, â^'208b, and â^'23a and Downregulate Myostatin and Myocyte Enhancer Factor 2C mRNA Expression in Human Skeletal Muscle. Journal of Nutrition, 2009, 139, 2279-2284.	1.3	105
46	Impact of combined resistance and aerobic exercise training on branched-chain amino acid turnover, glycine metabolism and insulin sensitivity in overweight humans. Diabetologia, 2015, 58, 2324-2335.	2.9	103
47	Essential amino acid and carbohydrate ingestion before resistance exercise does not enhance postexercise muscle protein synthesis. Journal of Applied Physiology, 2009, 106, 1730-1739.	1.2	101
48	Skeletal muscle amino acid transporter expression is increased in young and older adults following resistance exercise. Journal of Applied Physiology, 2011, 111, 135-142.	1.2	95
49	Activation of mTORC1 signaling and protein synthesis in human muscle following blood flow restriction exercise is inhibited by rapamycin. American Journal of Physiology - Endocrinology and Metabolism, 2014, 306, E1198-E1204.	1.8	93
50	Role of Protein and Amino Acids in the Pathophysiology and Treatment of Sarcopenia. Journal of the American College of Nutrition, 2005, 24, 140S-145S.	1.1	90
51	Amino acid metabolism and regulatory effects in aging. Current Opinion in Clinical Nutrition and Metabolic Care, 2008, 11, 45-49.	1.3	88
52	Exercise Intolerance in Older Adults WithÂHeartÂFailure With Preserved EjectionÂFraction. Journal of the American College of Cardiology, 2021, 78, 1166-1187.	1.2	87
53	Expression of growth-related genes in young and older human skeletal muscle following an acute stimulation of protein synthesis. Journal of Applied Physiology, 2009, 106, 1403-1411.	1.2	85
54	Reactive hyperemia is not responsible for stimulating muscle protein synthesis following blood flow restriction exercise. Journal of Applied Physiology, 2012, 112, 1520-1528.	1.2	84

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55	Short-term bed rest increases TLR4 and IL-6 expression in skeletal muscle of older adults. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2013, 305, R216-R223.	0.9	84
56	Leucine-Enriched Amino Acid Ingestion after Resistance Exercise Prolongs Myofibrillar Protein Synthesis and Amino Acid Transporter Expression in Older Men. Journal of Nutrition, 2014, 144, 1694-1702.	1.3	83
57	Basal muscle intracellular amino acid kinetics in women and men. American Journal of Physiology - Endocrinology and Metabolism, 2007, 292, E77-E83.	1.8	68
58	Amino acid metabolism and inflammatory burden in ovarian cancer patients undergoing intense oncological therapy. Clinical Nutrition, 2007, 26, 736-743.	2.3	68
59	Amino acids are necessary for the insulin-induced activation of mTOR/S6K1 signaling and protein synthesis in healthy and insulin resistant human skeletal muscle. Clinical Nutrition, 2008, 27, 447-456.	2.3	64
60	Aging differentially affects human skeletal muscle amino acid transporter expression when essential amino acids are ingested after exercise. Clinical Nutrition, 2013, 32, 273-280.	2.3	60
61	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. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 1053-1061.	1.7	56
62	Efficacy and Safety of Leucine Supplementation in the Elderly. Journal of Nutrition, 2016, 146, 2625S-2629S.	1.3	54
63	Androgen Therapy Induces Muscle Protein Anabolism in Older Women. Journal of Clinical Endocrinology and Metabolism, 2006, 91, 3844-3849.	1.8	53
64	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. Journal of Nutrition, 2016, 146, 2468-2475.	1.3	50
65	Short-term insulin and nutritional energy provision do not stimulate muscle protein synthesis if blood amino acid availability decreases. American Journal of Physiology - Endocrinology and Metabolism, 2005, 289, E999-E1006.	1.8	49
66	Muscle Protein Anabolic Resistance to Essential Amino Acids Does Not Occur in Healthy Older Adults Before or After Resistance Exercise Training. Journal of Nutrition, 2018, 148, 900-909.	1.3	49
67	Low skeletal muscle capillarization limits muscle adaptation to resistance exercise training in older adults. Experimental Gerontology, 2019, 127, 110723.	1.2	48
68	Post-absorptive muscle protein turnover affects resistance training hypertrophy. European Journal of Applied Physiology, 2017, 117, 853-866.	1.2	45
69	Protein Supplementation Has Minimal Effects on Muscle Adaptations during Resistance Exercise Training in Young Men: A Double-Blind Randomized Clinical Trial. Journal of Nutrition, 2016, 146, 1660-1669.	1.3	44
70	Testing the effects of narrative and play on physical activity among breast cancer survivors using mobile apps: study protocol for a randomized controlled trial. BMC Cancer, 2016, 16, 202.	1.1	44
71	PAX7+ satellite cells in young and older adults following resistance exercise. Muscle and Nerve, 2012, 46, 51-59.	1.0	43
72	Brown Adipose Tissue Is Linked to a Distinct Thermoregulatory Response to Mild Cold in People. Frontiers in Physiology, 2016, 7, 129.	1.3	43

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73	Addition of Carbohydrate or Alanine to an Essential Amino Acid Mixture Does Not Enhance Human Skeletal Muscle Protein Anabolism. Journal of Nutrition, 2013, 143, 307-314.	1.3	42
74	Skeletal Muscle Protein Anabolic Response to Increased Energy and Insulin Is Preserved in Poorly Controlled Type 2 Diabetes. Journal of Nutrition, 2006, 136, 1249-1255.	1.3	41
75	Endothelial function and the regulation of muscle protein anabolism in older adults. Nutrition, Metabolism and Cardiovascular Diseases, 2013, 23, S44-S50.	1.1	40
76	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
77	Muscle protein metabolism responds similarly to exogenous amino acids in healthy younger and older adults during NO-induced hyperemia. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2011, 301, R1408-R1417.	0.9	36
78	Resistance exercise training promotes fiber type-specific myonuclear adaptations in older adults. Journal of Applied Physiology, 2020, 128, 795-804.	1.2	35
79	Resistance exercise increases human skeletal muscle AS160/TBC1D4 phosphorylation in association with enhanced leg glucose uptake during postexercise recovery. Journal of Applied Physiology, 2008, 105, 1967-1974.	1.2	33
80	Deficiency in Repair of the Mitochondrial Genome Sensitizes Proliferating Myoblasts to Oxidative Damage. PLoS ONE, 2013, 8, e75201.	1.1	32
81	Nutrition and sarcopenia of ageing. Nutrition Research Reviews, 2004, 17, 69-76.	2.1	31
82	Protein metabolism in women and men: similarities and disparities. Current Opinion in Clinical Nutrition and Metabolic Care, 2011, 14, 93-97.	1.3	31
83	Protein Supplementation Does Not Affect Myogenic Adaptations to Resistance Training. Medicine and Science in Sports and Exercise, 2017, 49, 1197-1208.	0.2	31
84	Constitutively Active Mutant gp130 Receptor Protein from Inflammatory Hepatocellular Adenoma Is Inhibited by an Anti-gp130 Antibody That Specifically Neutralizes Interleukin 11 Signaling. Journal of Biological Chemistry, 2012, 287, 13743-13751.	1.6	29
85	Novel Noninvasive Breath Test Method for Screening Individuals at Risk for Diabetes. Diabetes Care, 2009, 32, 430-435.	4.3	27
86	The impact of postexercise essential amino acid ingestion on the ubiquitin proteasome and autophagosomal-lysosomal systems in skeletal muscle of older men. Journal of Applied Physiology, 2017, 122, 620-630.	1.2	26
87	Insulin increases mRNA abundance of the amino acid transporter SLC7A5/LAT1 via an mTORC1-dependent mechanism in skeletal muscle cells. Physiological Reports, 2014, 2, e00238.	0.7	25
88	Whey Protein Hydrolysate Increases Amino Acid Uptake, mTORC1 Signaling, and Protein Synthesis in Skeletal Muscle of Healthy Young Men in a Randomized Crossover Trial. Journal of Nutrition, 2019, 149, 1149-1158.	1.3	25
89	Essential amino acid ingestion alters expression of genes associated with amino acid sensing, transport, and mTORC1 regulation in human skeletal muscle. Nutrition and Metabolism, 2017, 14, 35.	1.3	20
90	Protein Requirements in Critically Ill Older Adults. Nutrients, 2018, 10, 378.	1.7	20

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91	Biology of Activating Transcription Factor 4 (ATF4) and Its Role in Skeletal Muscle Atrophy. Journal of Nutrition, 2022, 152, 926-938.	1.3	20
92	A Randomized Controlled Pilot Trial of Interventions to Improve Functional Recovery After Hospitalization in Older Adults: Feasibility and Adherence. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2018, 73, 187-193.	1.7	19
93	Sequential muscle biopsies during a 6-h tracer infusion do not affect human mixed muscle protein synthesis and muscle phenylalanine kinetics. American Journal of Physiology - Endocrinology and Metabolism, 2008, 295, E959-E963.	1.8	18
94	Rapamycin does not affect post-absorptive protein metabolism in human skeletal muscle. Metabolism: Clinical and Experimental, 2013, 62, 144-151.	1.5	16
95	Vitamin D and Endothelial Vasodilation in Older Individuals: Data From the PIVUS Study. Journal of Clinical Endocrinology and Metabolism, 2014, 99, 3382-3389.	1.8	16
96	Identifying effective and feasible interventions to accelerate functional recovery from hospitalization in older adults: A randomized controlled pilot trial. Contemporary Clinical Trials, 2016, 49, 6-14.	0.8	16
97	Measurement of skin protein breakdown in a rat model. American Journal of Physiology - Endocrinology and Metabolism, 2000, 279, E900-E906.	1.8	15
98	Effect of a Multifactorial Fall Injury Prevention Intervention on Patient Wellâ€Being: The <scp>STRIDE</scp> Study. Journal of the American Geriatrics Society, 2021, 69, 173-179.	1.3	15
99	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
100	A Phase I Randomized Clinical Trial of Evidence-Based, Pragmatic Interventions to Improve Functional Recovery After Hospitalization in Geriatric Patients. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2019, 74, 1628-1636.	1.7	14
101	The Relationships Between Testosterone, Body Composition, and Insulin Resistance: A lesson from a case of extreme hyperandrogenism. Diabetes Care, 2005, 28, 429-432.	4.3	13
102	AGS and NIA Benchâ€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
103	Ethanol and Protein Metabolism. Alcoholism: Clinical and Experimental Research, 2001, 25, 262S-268S.	1.4	12
104	Tricyclic Antidepressant and/or Î³â€Aminobutyric Acidâ€“Analog Use Is Associated With Fall Risk in Diabetic Peripheral Neuropathy. Journal of the American Geriatrics Society, 2019, 67, 1174-1181.	1.3	11
105	Kyphoplasty for Vertebral Augmentation in the Elderly With Osteoporotic Vertebral Compression Fractures: Scenarios and Review of Recent Studies. Clinical Therapeutics, 2013, 35, 1721-1727.	1.1	9
106	Functional Improvements Utilizing the Short Physical Performance Battery (SPPB) in the Elderly after Epidural Steroid Injections. Current Pain and Headache Reports, 2019, 23, 14.	1.3	8
107	Androgen Therapy and Rehospitalization in Older Men With Testosterone Deficiency. Mayo Clinic Proceedings, 2016, 91, 587-595.	1.4	6
108	Effect of high-fat diet on peripheral blood mononuclear cells and adipose tissue in early stages of diet-induced weight gain. British Journal of Nutrition, 2019, 122, 1359-1367.	1.2	6

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109	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
110	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
111	Palmitoyl-carnitine production by blood cells associates with the concentration of circulating acyl-carnitines in healthy overweight women. Clinical Nutrition, 2017, 36, 1310-1319.	2.3	4
112	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
113	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
114	Ethanol and Protein Metabolism. Alcoholism: Clinical and Experimental Research, 2001, 25, 262S-268S.	1.4	3
115	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
116	Sexâ€dependent difference in the relationship between adiposeâ€tissue cholesterol efflux and estradiol concentrations in young healthy humans. International Journal of Developmental Neuroscience, 2018, 64, 59-62.	0.7	2
117	Quantification of muscle triglyceride synthesis rate requires an adjustment for total triglyceride content. Journal of Lipid Research, 2018, 59, 2018-2024.	2.0	2
118	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
119	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
120	Use of the short physical performance battery and step monitoring to evaluate improvements after epidural steroid injections in an elderly patient. Journal of Clinical Gerontology and Geriatrics, 2015, 6, 68-70.	0.7	1
121	Effect of rapamycin administration in humans on the skeletal muscle protein anabolic response to essential amino acid ingestion. FASEB Journal, 2010, 24, .	0.2	1
122	Effects of dietary soy, whey and caseinate blends versus whey or soy alone on skeletal muscle protein synthesis in rats. FASEB Journal, 2011, 25, 217.6.	0.2	1
123	Rapamycin administration does not impair basal protein metabolism in human skeletal muscle. FASEB Journal, 2012, 26, 1075.3.	0.2	1
124	Effect of prolonged, mild cold exposure on metabolic regulation in insulin resistant overweight and obese men. FASEB Journal, 2013, 27, 1154.20.	0.2	1
125	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
126	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

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127	Aerobic Exercise for Treatment of Sarcopenia: Targeting Insulin Resistance and Endothelial Dysfunction. Japanese Journal of Physical Fitness and Sports Medicine, 2011, 60, 38-38.	0.0	0
128	Is leucine content in dietary protein the key to muscle preservation in older women?. American Journal of Clinical Nutrition, 2018, 107, 143-144.	2.2	0
129	Glucoseâ€derived breath CO ₂ kinetics in IGT and NGT subjects following an oral glucose load. FASEB Journal, 2007, 21, A835.	0.2	0
130	Skeletal muscle anabolic response to resistance exercise and essential amino acids is delayed with aging. FASEB Journal, 2008, 22, 959.17.	0.2	0
131	12â€weeks of Aquatic Exercise Training modifies mTOR signaling following Essential Amino Acid + Carbohydrate Ingestion in Older Subjects. FASEB Journal, 2008, 22, 753.13.	0.2	0
132	Expression of genes regulating protein synthesis in young and old human muscle following resistance exercise and essential amino acid ingestion. FASEB Journal, 2008, 22, 754.5.	0.2	0
133	Synthesis and breakdown of Very Low Density Lipoprotein Apoâ€B100 measured with stable isotope methodology. FASEB Journal, 2008, 22, 948.2.	0.2	0
134	Leucineâ€enriched essential amino acid and carbohydrate ingestion in women increases skeletal muscle mTOR and Akt/AS160 signaling. FASEB Journal, 2008, 22, 959.16.	0.2	0
135	Nutritional energy in the regulation of human muscle mTOR signaling following resistance exercise. FASEB Journal, 2008, 22, 959.19.	0.2	0
136	The anabolic effect of insulin is dependent on its ability to increase blood flow and muscle perfusion in human subjects. FASEB Journal, 2009, 23, 991.21.	0.2	0
137	Amino Acid Transporter Expression is Increased in Human Skeletal Muscle Following Essential Amino Acid Ingestion. FASEB Journal, 2010, 24, 97.6.	0.2	0
138	Muscle protein breakdown has a minor role in the protein anabolic response to essential amino acid and carbohydrate intake following resistance exercise. FASEB Journal, 2010, 24, 740.5.	0.2	0
139	Aerobic Exercise Enhances The Muscle Protein Anabolic Effect Of A Mixed Meal In Older Adults. FASEB Journal, 2010, 24, 97.7.	0.2	0
140	Skeletal muscle protein synthesis and mTORC1 signaling following resistance exercise in young and older men and women. FASEB Journal, 2010, 24, 997.10.	0.2	0
141	The Influence of Longâ€Term Essential Amino Acid Supplementation on Measures of Body Composition in Recreationally Active Older Adults. FASEB Journal, 2010, 24, 739.8.	0.2	0
142	Aging is associated with a dysregulated human skeletal muscle microRNAâ€499 and â€208b expression following resistance exercise. FASEB Journal, 2010, 24, 997.11.	0.2	0
143	Skeletal muscle satellite cell content following acute resistance exercise with or without essential amino acid ingestion in young adults. FASEB Journal, 2011, 25, 983.16.	0.2	0
144	Nutritional predictors of muscle protein metabolism and function in older adults. FASEB Journal, 2011, 25, 983.18.	0.2	0

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145	BFR Exercise Increases S6K1 Phosphorylation in Typeâ€I and Typeâ€II Skeletal Muscle Fibers. FASEB Journal, 2011, 25, .	0.2	0
146	High levels of leucine are required for the upregulation of amino acid transporters in human skeletal muscle following essential amino acid ingestion. FASEB Journal, 2011, 25, 233.6.	0.2	0
147	The effect of acute oral amino acid intake on fatty acid oxidation. FASEB Journal, 2012, 26, lb723.	0.2	0
148	Protein Distribution Effect on Indices of Satiety. FASEB Journal, 2012, 26, 1013.5.	0.2	0
149	Muscle protein synthesis is suboptimal following a typical carbohydrateâ€rich breakfast. FASEB Journal, 2012, 26, 1013.7.	0.2	0
150	Chronic Heart Failure is Associated with Elevated Skeletal Muscle Inflammation and Tollâ€Like Receptor 4 Signaling. FASEB Journal, 2012, 26, 835.12.	0.2	0
151	Shortâ€term bed rest increases inflammation as evidenced by elevated TLR4, NFÎºB1 and IL6 expression in skeletal muscle of older adults. FASEB Journal, 2012, 26, 715.2.	0.2	0
152	Basal muscle protein synthesis is unaffected by sex in young and older adults. FASEB Journal, 2012, 26, 42.6.	0.2	0
153	Influence of excess postexercise leucine ingestion on mTORC1 signaling and gene expression in skeletal muscle of older men: a 24 hr timeâ€course. FASEB Journal, 2012, 26, 42.8.	0.2	0
154	Acute aerobic exercise increases AdipoR1 and RAGE proteins and decreases HSP60 protein in skeletal muscle of physically inactive older adults. FASEB Journal, 2012, 26, 1142.5.	0.2	0
155	Effect of protein blend vs whey protein ingestion on muscle protein synthesis following resistance exercise. FASEB Journal, 2012, 26, 1013.9.	0.2	0
156	The acute aerobic exerciseâ€induced increase in amino acid transporter expression adapts to exercise training in older adults. FASEB Journal, 2013, 27, 350.3.	0.2	0
157	Excess postexercise leucine ingestion enhances muscle protein synthesis in skeletal muscle of older men. FASEB Journal, 2013, 27, 350.2.	0.2	0
158	Acute oral amino acid intake increases both secretion and breakdown of very low density lipoproteinâ€triacylglycerol. FASEB Journal, 2013, 27, 1192.25.	0.2	0
159	Gender effects of supplemental amino acids on nonâ€alcoholic fatty liver disease and chronic inflammation (1025.14). FASEB Journal, 2014, 28, 1025.14.	0.2	0
160	Higher sodium and saturated fat intake is associated with lower muscle protein synthesis in elders (820.16). FASEB Journal, 2014, 28, 820.16.	0.2	0
161	The Influence of Excess Postexercise Leucine Ingestion on Markers of Autophagy in Skeletal Muscle of Older Men. FASEB Journal, 2015, 29, LB680.	0.2	0
162	1-Year Rehospitalization and Mortality Rates in Geriatric Patients after Acute Hospitalization. Innovation in Aging, 2020, 4, 911-912.	0.0	0