Blake B Rasmussen

List of Publications by Citations

144 papers	14,277 citations	58 h-index	119 g-index
152 ext. papers	15,934 ext. citations	4 avg, IF	6.19 L-index

#	Paper	IF	Citations
144	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*, **2016**, 12, 1-222	10.2	3838
143	Dietary protein recommendations and the prevention of sarcopenia. *Current Opinion in Clinical Nutrition and Metabolic Care*, **2009**, 12, 86-90	3.8	517
142	Resistance exercise increases AMPK activity and reduces 4E-BP1 phosphorylation and protein synthesis in human skeletal muscle. *Journal of Physiology*, **2006**, 576, 613-24	3.9	388
141	An oral essential amino acid-carbohydrate supplement enhances muscle protein anabolism after resistance exercise. *Journal of Applied Physiology*, **2000**, 88, 386-92	3.7	387
140	Timing of amino acid-carbohydrate ingestion alters anabolic response of muscle to resistance exercise. *American Journal of Physiology - Endocrinology and Metabolism*, **2001**, 281, E197-206	6	345
139	The response of muscle protein anabolism to combined hyperaminoacidemia and glucose-induced hyperinsulinemia is impaired in the elderly. *Journal of Clinical Endocrinology and Metabolism*, **2000**, 85, 4481-90	5.6	343
138	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, E392-400	6	325
137	Blood flow restriction during low-intensity resistance exercise increases S6K1 phosphorylation and muscle protein synthesis. *Journal of Applied Physiology*, **2007**, 103, 903-10	3.7	305
136	Rapamycin administration in humans blocks the contraction-induced increase in skeletal muscle protein synthesis. *Journal of Physiology*, **2009**, 587, 1535-46	3.9	301
135	The Response of Muscle Protein Anabolism to Combined Hyperaminoacidemia and Glucose-Induced Hyperinsulinemia Is Impaired in the Elderly. *Journal of Clinical Endocrinology and Metabolism*, **2000**, 85, 4481-4490	5.6	300
134	Skeletal muscle protein anabolic response to resistance exercise and essential amino acids is delayed with aging. *Journal of Applied Physiology*, **2008**, 104, 1452-61	3.7	271
133	Insulin resistance of muscle protein metabolism in aging. *FASEB Journal*, **2006**, 20, 768-9	0.9	263
132	Aging impairs contraction-induced human skeletal muscle mTORC1 signaling and protein synthesis. *Skeletal Muscle*, **2011**, 1, 11	5.1	233
131	Nutrient signalling in the regulation of human muscle protein synthesis. *Journal of Physiology*, **2007** , 582, 813-23	3.9	222
130	Blood flow restriction exercise stimulates mTORC1 signaling and muscle protein synthesis in older men. *Journal of Applied Physiology*, **2010**, 108, 1199-209	3.7	221
129	Nutritional and contractile regulation of human skeletal muscle protein synthesis and mTORC1 signaling. *Journal of Applied Physiology*, **2009**, 106, 1374-84	3.7	216
128	Leucine-enriched nutrients and the regulation of mammalian target of rapamycin signalling and human skeletal muscle protein synthesis. *Current Opinion in Clinical Nutrition and Metabolic Care*, **2008**, 11, 222-6	3.8	179

127	Mammalian target of rapamycin complex 1 activation is required for the stimulation of human skeletal muscle protein synthesis by essential amino acids. *Journal of Nutrition*, **2011**, 141, 856-62	4.1	174
126	Aging differentially affects human skeletal muscle microRNA expression at rest and after an anabolic stimulus of resistance exercise and essential amino acids. *American Journal of Physiology - Endocrinology and Metabolism*, **2008**, 295, E1333-40	6	172
125	Aging and microRNA expression in human skeletal muscle: a microarray and bioinformatics analysis. *Physiological Genomics*, **2011**, 43, 595-603	3.6	170
124	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, E745-54	6	161
123	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, E1011-8	6	153
122	Malonyl coenzyme A and the regulation of functional carnitine palmitoyltransferase-1 activity and fat oxidation in human skeletal muscle. *Journal of Clinical Investigation*, **2002**, 110, 1687-1693	15.9	148
121	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, E1113-22	6	147
120	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, 1615-22	0.9	143
119	Excess leucine intake enhances muscle anabolic signaling but not net protein anabolism in young men and women. *Journal of Nutrition*, **2010**, 140, 1970-6	4.1	134
118	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, R533-40	3.2	126
117	Human muscle gene expression following resistance exercise and blood flow restriction. *Medicine and Science in Sports and Exercise*, **2008**, 40, 691-8	1.2	122
116	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	6.4	119
115	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, 3848-57	5.6	115
114	Resistance Exercise Training Alters Mitochondrial Function in Human Skeletal Muscle. *Medicine and Science in Sports and Exercise*, **2015**, 47, 1922-31	1.2	112
113	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, 1889-98	10.3	110
112	Protein blend ingestion following resistance exercise promotes human muscle protein synthesis. *Journal of Nutrition*, **2013**, 143, 410-6	4.1	106
111	Pharmacological vasodilation improves insulin-stimulated muscle protein anabolism but not glucose utilization in older adults. *Diabetes*, **2010**, 59, 2764-71	0.9	106
110	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, 1403-12	7	101

109	Regulation of fatty acid oxidation in skeletal muscle. *Annual Review of Nutrition*, **1999**, 19, 463-84	9.9	96
108	Resistance exercise increases leg muscle protein synthesis and mTOR signalling independent of sex. *Acta Physiologica*, **2010**, 199, 71-81	5.6	95
107	Exercise and nutrition to target protein synthesis impairments in aging skeletal muscle. *Exercise and Sport Sciences Reviews*, **2013**, 41, 216-23	6.7	92
106	Exercise, amino acids, and aging in the control of human muscle protein synthesis. *Medicine and Science in Sports and Exercise*, **2011**, 43, 2249-58	1.2	89
105	Essential amino acids increase microRNA-499, -208b, and -23a and downregulate myostatin and myocyte enhancer factor 2C mRNA expression in human skeletal muscle. *Journal of Nutrition*, **2009**, 139, 2279-84	4.1	89
104	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	4.5	86
103	Essential amino acid and carbohydrate ingestion before resistance exercise does not enhance postexercise muscle protein synthesis. *Journal of Applied Physiology*, **2009**, 106, 1730-9	3.7	86
102	Skeletal muscle amino acid transporter expression is increased in young and older adults following resistance exercise. *Journal of Applied Physiology*, **2011**, 111, 135-42	3.7	83
101	Contractile and nutritional regulation of human muscle growth. *Exercise and Sport Sciences Reviews*, **2003**, 31, 127-31	6.7	81
100	Role of Ingested Amino Acids and Protein in the Promotion of Resistance Exercise-Induced Muscle Protein Anabolism. *Journal of Nutrition*, **2016**, 146, 155-83	4.1	78
99	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, 1403-11	3.7	78
98	TRANSCRIPTOME ALTERATIONS ASSOCIATED WITH AGE-RELATED DECLINE IN PHYSICAL FUNCTION.. *Innovation in Aging*, **2019**, 3, S872-S872	0.1	78
97	EFFECTS OF RESISTANCE EXERCISE TRAINING ON ENDOTHELIAL FUNCTION AND MUSCLE PERFUSION IN OLDER ADULTS WITH DIABETES. *Innovation in Aging*, **2019**, 3, S951-S952	0.1	78
96	Defining meal requirements for protein to optimize metabolic roles of amino acids. *American Journal of Clinical Nutrition*, **2015**, 101, 1330S-1338S	7	77
95	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, R216-23	3.2	73
94	Human and Mouse Brown Adipose Tissue Mitochondria Have Comparable UCP1 Function. *Cell Metabolism*, **2016**, 24, 246-55	24.6	72
93	Mitochondrial respiratory capacity and coupling control decline with age in human skeletal muscle. *American Journal of Physiology - Endocrinology and Metabolism*, **2015**, 309, E224-32	6	71
92	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, 1694-702	4.1	71

91	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, E1198-204	6	70
90	Reactive hyperemia is not responsible for stimulating muscle protein synthesis following blood flow restriction exercise. *Journal of Applied Physiology*, **2012**, 112, 1520-8	3.7	69
89	Soy-dairy protein blend and whey protein ingestion after resistance exercise increases amino acid transport and transporter expression in human skeletal muscle. *Journal of Applied Physiology*, **2014**, 116, 1353-64	3.7	61
88	Basal muscle intracellular amino acid kinetics in women and men. *American Journal of Physiology - Endocrinology and Metabolism*, **2007**, 292, E77-83	6	61
87	Post-Prandial Protein Handling: You Are What You Just Ate. *PLoS ONE*, **2015**, 10, e0141582	3.7	59
86	Malonyl coenzyme A and the regulation of functional carnitine palmitoyltransferase-1 activity and fat oxidation in human skeletal muscle. *Journal of Clinical Investigation*, **2002**, 110, 1687-93	15.9	58
85	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, 447-56	5.9	55
84	Skeletal muscle protein balance and metabolism in the elderly. *Current Aging Science*, **2011**, 4, 260-8	2.2	53
83	Aging differentially affects human skeletal muscle amino acid transporter expression when essential amino acids are ingested after exercise. *Clinical Nutrition*, **2013**, 32, 273-80	5.9	52
82	Amino Acid Sensing in Skeletal Muscle. *Trends in Endocrinology and Metabolism*, **2016**, 27, 796-806	8.8	51
81	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, E999-1006	6	46
80	Uncoupled skeletal muscle mitochondria contribute to hypermetabolism in severely burned adults. *American Journal of Physiology - Endocrinology and Metabolism*, **2014**, 307, E462-7	6	45
79	Androstenedione Does Not Stimulate Muscle Protein Anabolism in Young Healthy Men. *Journal of Clinical Endocrinology and Metabolism*, **2000**, 85, 55-59	5.6	45
78	The Importance of Resistance Exercise Training to Combat Neuromuscular Aging. *Physiology*, **2019**, 34, 112-122	9.8	44
77	Chronic paraplegia-induced muscle atrophy downregulates the mTOR/S6K1 signaling pathway. *Journal of Applied Physiology*, **2008**, 104, 27-33	3.7	40
76	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, 1660-9	4.1	38
75	Addition of carbohydrate or alanine to an essential amino acid mixture does not enhance human skeletal muscle protein anabolism. *Journal of Nutrition*, **2013**, 143, 307-14	4.1	35
74	Skeletal muscle protein anabolic response to increased energy and insulin is preserved in poorly controlled type 2 diabetes. *Journal of Nutrition*, **2006**, 136, 1249-55	4.1	35

73	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	4.1	34
72	Long-Term Skeletal Muscle Mitochondrial Dysfunction is Associated with Hypermetabolism in Severely Burned Children. *Journal of Burn Care and Research*, **2016**, 37, 53-63	0.8	34
71	Satellite cell activation and apoptosis in skeletal muscle from severely burned children. *Journal of Physiology*, **2016**, 594, 5223-36	3.9	34
70	PAX7+ satellite cells in young and older adults following resistance exercise. *Muscle and Nerve*, **2012**, 46, 51-9	3.4	33
69	Essential amino acid sensing, signaling, and transport in the regulation of human muscle protein metabolism. *Current Opinion in Clinical Nutrition and Metabolic Care*, **2011**, 14, 83-8	3.8	31
68	Hypermetabolism and hypercatabolism of skeletal muscle accompany mitochondrial stress following severe burn trauma. *American Journal of Physiology - Endocrinology and Metabolism*, **2016**, 311, E436-48	6	30
67	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, 1967-74	3.7	30
66	Leg glucose and protein metabolism during an acute bout of resistance exercise in humans. *Journal of Applied Physiology*, **2004**, 97, 1379-86	3.7	30
65	Amino acid transporters in the regulation of human skeletal muscle protein metabolism. *Current Opinion in Clinical Nutrition and Metabolic Care*, **2013**, 16, 638-44	3.8	29
64	Deficiency in repair of the mitochondrial genome sensitizes proliferating myoblasts to oxidative damage. *PLoS ONE*, **2013**, 8, e75201	3.7	29
63	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	4.1	29
62	A chronic increase in physical activity inhibits fed-state mTOR/S6K1 signaling and reduces IRS-1 serine phosphorylation in rat skeletal muscle. *Applied Physiology, Nutrition and Metabolism*, **2008**, 33, 93-101	3	28
61	Gene and protein expression associated with protein synthesis and breakdown in paraplegic skeletal muscle. *Muscle and Nerve*, **2008**, 37, 505-13	3.4	27
60	Post-absorptive muscle protein turnover affects resistance training hypertrophy. *European Journal of Applied Physiology*, **2017**, 117, 853-866	3.4	26
59	Protein Supplementation Does Not Affect Myogenic Adaptations to Resistance Training. *Medicine and Science in Sports and Exercise*, **2017**, 49, 1197-1208	1.2	25
58	Low skeletal muscle capillarization limits muscle adaptation to resistance exercise training in older adults. *Experimental Gerontology*, **2019**, 127, 110723	4.5	24
57	A soy, whey and caseinate blend extends postprandial skeletal muscle protein synthesis in rats. *Clinical Nutrition*, **2013**, 32, 585-91	5.9	24
56	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	6.4	23

55	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	2.6	22
54	Alteration of hepatic fatty acid metabolism after burn injury in pigs. *Journal of Parenteral and Enteral Nutrition*, **2001**, 25, 310-6	4.2	22
53	Mitochondrial Bioenergetics in the Metabolic Myopathy Accompanying Peripheral Artery Disease. *Frontiers in Physiology*, **2017**, 8, 141	4.6	20
52	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	3.7	18
51	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, E959-63	6	18
50	Dysregulation of muscle fatty acid metabolism in type 2 diabetes is independent of malonyl-CoA. *Diabetologia*, **2006**, 49, 2144-52	10.3	18
49	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	4.1	16
48	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	4.6	15
47	Resistance exercise training promotes fiber type-specific myonuclear adaptations in older adults. *Journal of Applied Physiology*, **2020**, 128, 795-804	3.7	14
46	Rapamycin does not affect post-absorptive protein metabolism in human skeletal muscle. *Metabolism: Clinical and Experimental*, **2013**, 62, 144-51	12.7	13
45	Skeletal muscle-specific knockout of DEP domain containing 5 protein increases mTORC1 signaling, muscle cell hypertrophy, and mitochondrial respiration. *Journal of Biological Chemistry*, **2019**, 294, 4091-4102	5.4	13
44	Increasing Insulin Availability Does Not Augment Postprandial Muscle Protein Synthesis Rates in Healthy Young and Older Men. *Journal of Clinical Endocrinology and Metabolism*, **2016**, 101, 3978-3988	5.6	11
43	Repetitive TLR3 activation in the lung induces skeletal muscle adaptations and cachexia. *Experimental Gerontology*, **2018**, 106, 88-100	4.5	10
42	Paraplegia increases skeletal muscle autophagy. *Muscle and Nerve*, **2012**, 46, 793-8	3.4	10
41	Postexercise essential amino acid supplementation amplifies skeletal muscle satellite cell proliferation in older men 24 hours postexercise. *Physiological Reports*, **2017**, 5, e13269	2.6	9
40	The relationships between testosterone, body composition, and insulin resistance: a lesson from a case of extreme hyperandrogenism. *Diabetes Care*, **2005**, 28, 429-32	14.6	9
39	Moderate-intensity aerobic exercise improves skeletal muscle quality in older adults. *Translational Sports Medicine*, **2019**, 2, 109-119	1.3	8
38	The balancing act between the cellular processes of protein synthesis and breakdown: exercise as a model to understand the molecular mechanisms regulating muscle mass. *Journal of Applied Physiology*, **2009**, 106, 1365-6	3.7	7

37	Influence of ageing and essential amino acids on quantitative patterns of troponin T alternative splicing in human skeletal muscle. *Applied Physiology, Nutrition and Metabolism*, **2015**, 40, 788-796	3	6
36	Blunted IL-6 and IL-10 response to maximal aerobic exercise in patients with traumatic brain injury. *European Journal of Applied Physiology*, **2015**, 115, 111-8	3.4	6
35	Measuring Exercise Capacity and Physical Function in Adult and Older Mice. *Journals of Gerontology - Series A Biological Sciences and Medical Sciences*, **2021**, 76, 819-824	6.4	6
34	The missing Akt in the mechanical regulation of skeletal muscle mTORC1 signalling and growth. *Journal of Physiology*, **2011**, 589, 1507	3.9	4
33	Does a reduction in anabolic signaling contribute to muscle wasting in chronic heart failure?. *Journal of Applied Physiology*, **2011**, 110, 869-70	3.7	3
32	Phosphatidic acid: a novel mechanical mechanism for how resistance exercise activates mTORC1 signalling. *Journal of Physiology*, **2009**, 587, 3415-6	3.9	3
31	ATF4 Is a Fundamental Regulator of Nutrient Sensing and Protein Turnover. *Journal of Nutrition*, **2020**, 150, 979-980	4.1	2
30	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	5.9	2
29	Paraplegia in Rats is Associated with an Inhibition of p70S6 Kinase Activity. *FASEB Journal*, **2006**, 20, A1469	0.9	1
28	Type 2 Diabetes Reduces the Muscle Anabolic Effect of Resistance Exercise Training in Older Adults. *Innovation in Aging*, **2020**, 4, 529-529	0.1	1
27	Fat oxidation and glucose uptake are increased following an acute bout of resistance exercise: Role of AMPK, ACC, Akt/PKB, and AS160. *FASEB Journal*, **2007**, 21, A580	0.9	1
26	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	0.9	1
25	Rapamycin administration does not impair basal protein metabolism in human skeletal muscle. *FASEB Journal*, **2012**, 26, 1075.3	0.9	1
24	Muscle Biology and mTORC1 Signaling in Aging20-40		1
23	Skeletal Muscle Transcriptome Alterations Related to Physical Function Decline in Older Mice		1
22	Effect of the lysosomotropic agent chloroquine on mTORC1 activation and protein synthesis in human skeletal muscle. *Nutrition and Metabolism*, **2021**, 18, 61	4.6	0
21	Muscle AMPK activity, acidosis, and protein synthesis in men and women following resistance exercise. *FASEB Journal*, **2006**, 20, A1047	0.9	
20	Effect of type 2 diabetes (T2DM) on muscle protein metabolism in older subjects. *FASEB Journal*, **2006**, 20, A556	0.9	

19	Racial/ethnic disparities in basal muscle protein metabolism. *FASEB Journal*, **2007**, 21, A837	0.9
18	Prolonged Tracer Infusion and Sequential Muscle Biopsies Do Not Affect Human Muscle Protein and Amino Acid Kinetics. *FASEB Journal*, **2007**, 21, A336	0.9
17	Nutrient signaling in insulin resistant human skeletal muscle during reduced amino acid availability. *FASEB Journal*, **2007**, 21, A714	0.9
16	Nutrient signaling in the regulation of human muscle protein synthesis. *FASEB Journal*, **2007**, 21, A713	0.9
15	Higher sodium and saturated fat intake is associated with lower muscle protein synthesis in elders (820.16). *FASEB Journal*, **2014**, 28, 820.16	0.9
14	The Influence of Excess Postexercise Leucine Ingestion on Markers of Autophagy in Skeletal Muscle of Older Men. *FASEB Journal*, **2015**, 29, LB680	0.9
13	Higher Leucine Content in an Essential Amino Acid Solution Enhances Human Skeletal Muscle mTOR Signaling. *FASEB Journal*, **2009**, 23, 227.3	0.9
12	Expression of the let-7 family of microRNAs is elevated in older human skeletal muscle. *FASEB Journal*, **2009**, 23, 630.3	0.9
11	Isolated pharmacological vasodilation does not stimulate skeletal muscle protein synthesis in healthy older adults.. *FASEB Journal*, **2011**, 25, 233.7	0.9
10	Human Muscle Protein Metabolism in Relation to Exercise and Aging: Potential Therapeutic Applications	97-108
9	Chronic Heart Failure is Associated with Elevated Skeletal Muscle Inflammation and Toll-Like Receptor 4 Signaling. *FASEB Journal*, **2012**, 26, 835.12	0.9
8	Inhibition of Glycolysis and mTORC1 activation in Human Skeletal Muscle with Blood Flow Restriction Exercise. *FASEB Journal*, **2012**, 26, 1076.3	0.9
7	Short-term bed rest increases inflammation as evidenced by elevated TLR4, NFB1 and IL6 expression in skeletal muscle of older adults. *FASEB Journal*, **2012**, 26, 715.2	0.9
6	Basal muscle protein synthesis is unaffected by sex in young and older adults. *FASEB Journal*, **2012**, 26, 42.6	0.9
5	Influence of excess postexercise leucine ingestion on mTORC1 signaling and gene expression in skeletal muscle of older men: a 24 hr time-course. *FASEB Journal*, **2012**, 26, 42.8	0.9
4	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	0.9
3	Effect of protein blend vs whey protein ingestion on muscle protein synthesis following resistance exercise. *FASEB Journal*, **2012**, 26, 1013.9	0.9
2	The acute aerobic exercise-induced increase in amino acid transporter expression adapts to exercise training in older adults. *FASEB Journal*, **2013**, 27, 350.3	0.9

1 Excess postexercise leucine ingestion enhances muscle protein synthesis in skeletal muscle of older men. *FASEB Journal*, **2013**, 27, 350.2 0.9