

# Blake B Rasmussen

## List of Publications by Year in descending order

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Version: 2024-02-01

147  
papers

17,293  
citations

20759

60  
h-index

17055

122  
g-index

152  
all docs

152  
docs citations

152  
times ranked

21710  
citing authors

#	ARTICLE	IF	CITATIONS
1	Biology of Activating Transcription Factor 4 (ATF4) and Its Role in Skeletal Muscle Atrophy. <i>Journal of Nutrition</i> , 2022, 152, 926-938.	1.3	20
2	Measuring Exercise Capacity and Physical Function in Adult and Older Mice. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021, 76, 819-824.	1.7	24
3	Effect of the lysosomotropic agent chloroquine on mTORC1 activation and protein synthesis in human skeletal muscle. <i>Nutrition and Metabolism</i> , 2021, 18, 61.	1.3	4
4	Effect of essential amino acid supplementation and aerobic exercise on insulin sensitivity in healthy older adults: A randomized clinical trial. <i>Clinical Nutrition</i> , 2020, 39, 1371-1378.	2.3	6
5	ATF4 Is a Fundamental Regulator of Nutrient Sensing and Protein Turnover. <i>Journal of Nutrition</i> , 2020, 150, 979-980.	1.3	7
6	Resistance exercise training promotes fiber type-specific myonuclear adaptations in older adults. <i>Journal of Applied Physiology</i> , 2020, 128, 795-804.	1.2	35
7	Type 2 Diabetes Reduces the Muscle Anabolic Effect of Resistance Exercise Training in Older Adults. <i>Innovation in Aging</i> , 2020, 4, 529-529.	0.0	1
8	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. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2019, 74, 1598-1604.	1.7	38
9	Low skeletal muscle capillarization limits muscle adaptation to resistance exercise training in older adults. <i>Experimental Gerontology</i> , 2019, 127, 110723.	1.2	48
10	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
11	Moderate-intensity aerobic exercise improves skeletal muscle quality in older adults. <i>Translational Sports Medicine</i> , 2019, 2, 109-119.	0.5	21
12	The Importance of Resistance Exercise Training to Combat Neuromuscular Aging. <i>Physiology</i> , 2019, 34, 112-122.	1.6	73
13	TRANSCRIPTOME ALTERATIONS ASSOCIATED WITH AGE-RELATED DECLINE IN PHYSICAL FUNCTION.. <i>Innovation in Aging</i> , 2019, 3, S872-S872.	0.0	0
14	EFFECTS OF RESISTANCE EXERCISE TRAINING ON ENDOTHELIAL FUNCTION AND MUSCLE PERFUSION IN OLDER ADULTS WITH DIABETES. <i>Innovation in Aging</i> , 2019, 3, S951-S952.	0.0	0
15	Skeletal muscle-specific knockout of DEP domain containing 5 protein increases mTORC1 signaling, muscle cell hypertrophy, and mitochondrial respiration. <i>Journal of Biological Chemistry</i> , 2019, 294, 4091-4102.	1.6	22
16	Repetitive TLR3 activation in the lung induces skeletal muscle adaptations and cachexia. <i>Experimental Gerontology</i> , 2018, 106, 88-100.	1.2	17
17	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
18	Post-absorptive muscle protein turnover affects resistance training hypertrophy. <i>European Journal of Applied Physiology</i> , 2017, 117, 853-866.	1.2	45

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19	Postexercise essential amino acid supplementation amplifies skeletal muscle satellite cell proliferation in older men 24 hours postexercise. <i>Physiological Reports</i> , 2017, 5, e13269.	0.7	14
20	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
21	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
22	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
23	Mitochondrial Bioenergetics in the Metabolic Myopathy Accompanying Peripheral Artery Disease. <i>Frontiers in Physiology</i> , 2017, 8, 141.	1.3	27
24	Human and Mouse Brown Adipose Tissue Mitochondria Have Comparable UCP1 Function. <i>Cell Metabolism</i> , 2016, 24, 246-255.	7.2	93
25	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
26	Increasing Insulin Availability Does Not Augment Postprandial Muscle Protein Synthesis Rates in Healthy Young and Older Men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, 3978-3988.	1.8	19
27	Amino Acid Sensing in Skeletal Muscle. <i>Trends in Endocrinology and Metabolism</i> , 2016, 27, 796-806.	3.1	71
28	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
29	Hypermetabolism and hypercatabolism of skeletal muscle accompany mitochondrial stress following severe burn trauma. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016, 311, E436-E448.	1.8	36
30	Long-Term Skeletal Muscle Mitochondrial Dysfunction is Associated with Hypermetabolism in Severely Burned Children. <i>Journal of Burn Care and Research</i> , 2016, 37, 53-63.	0.2	39
31	Satellite cell activation and apoptosis in skeletal muscle from severely burned children. <i>Journal of Physiology</i> , 2016, 594, 5223-5236.	1.3	41
32	Role of Ingested Amino Acids and Protein in the Promotion of Resistance Exercise-Induced Muscle Protein Anabolism. <i>Journal of Nutrition</i> , 2016, 146, 155-183.	1.3	97
33	Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). <i>Autophagy</i> , 2016, 12, 1-222.	4.3	4,701
34	Post-Prandial Protein Handling: You Are What You Just Ate. <i>PLoS ONE</i> , 2015, 10, e0141582.	1.1	96
35	Defining meal requirements for protein to optimize metabolic roles of amino acids. <i>American Journal of Clinical Nutrition</i> , 2015, 101, 1330S-1338S.	2.2	100
36	Resistance Exercise Training Alters Mitochondrial Function in Human Skeletal Muscle. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 1922-1931.	0.2	181

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37	Blunted IL-6 and IL-10 response to maximal aerobic exercise in patients with traumatic brain injury. <i>European Journal of Applied Physiology</i> , 2015, 115, 111-118.	1.2	11
38	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
39	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
40	Influence of ageing and essential amino acids on quantitative patterns of troponin T alternative splicing in human skeletal muscle. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015, 40, 788-796.	0.9	7
41	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
42	Soy-dairy protein blend and whey protein ingestion after resistance exercise increases amino acid transport and transporter expression in human skeletal muscle. <i>Journal of Applied Physiology</i> , 2014, 116, 1353-1364.	1.2	78
43	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
44	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
45	Uncoupled skeletal muscle mitochondria contribute to hypermetabolism in severely burned adults. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2014, 307, E462-E467.	1.8	49
46	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
47	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
48	Aging 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
49	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
50	A soy, whey and caseinate blend extends postprandial skeletal muscle protein synthesis in rats. <i>Clinical Nutrition</i> , 2013, 32, 585-591.	2.3	28
51	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
52	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
53	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
54	Amino acid transporters in the regulation of human skeletal muscle protein metabolism. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2013, 16, 638-644.	1.3	36

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55	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
56	Protein Blend Ingestion Following Resistance Exercise Promotes Human Muscle Protein Synthesis. <i>Journal of Nutrition</i> , 2013, 143, 410-416.	1.3	136
57	Deficiency in Repair of the Mitochondrial Genome Sensitizes Proliferating Myoblasts to Oxidative Damage. <i>PLoS ONE</i> , 2013, 8, e75201.	1.1	32
58	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
59	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
60	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
61	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
62	Paraplegia increases skeletal muscle autophagy. <i>Muscle and Nerve</i> , 2012, 46, 793-798.	1.0	13
63	AICAR. , 2012, , 50-50.		0
64	Autophagy. , 2012, , 112-112.		0
65	Î±B crystalline. , 2012, , 1-1.		0
66	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
67	PAX7+ satellite cells in young and older adults following resistance exercise. <i>Muscle and Nerve</i> , 2012, 46, 51-59.	1.0	43
68	Rapamycin administration does not impair basal protein metabolism in human skeletal muscle. <i>FASEB Journal</i> , 2012, 26, 1075.3.	0.2	1
69	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
70	Inhibition of Glycolysis and mTORC1 activation in Human Skeletal Muscle with Blood Flow Restriction Exercise. <i>FASEB Journal</i> , 2012, 26, 1076.3.	0.2	0
71	Short-term bed rest increases inflammation as evidenced by elevated TLR4, NF-Î±B1 and IL6 expression in skeletal muscle of older adults. <i>FASEB Journal</i> , 2012, 26, 715.2.	0.2	0
72	Basal muscle protein synthesis is unaffected by sex in young and older adults. <i>FASEB Journal</i> , 2012, 26, 42.6.	0.2	0

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73	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
74	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
75	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
76	Aging impairs contraction-induced human skeletal muscle mTORC1 signaling and protein synthesis. <i>Skeletal Muscle</i> , 2011, 1, 11.	1.9	288
77	Does a reduction in anabolic signaling contribute to muscle wasting in chronic heart failure?. <i>Journal of Applied Physiology</i> , 2011, 110, 869-870.	1.2	4
78	Essential amino acid sensing, signaling, and transport in the regulation of human muscle protein metabolism. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2011, 14, 83-88.	1.3	36
79	Exercise, Amino Acids, and Aging in the Control of Human Muscle Protein Synthesis. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 2249-2258.	0.2	111
80	The missing Akt in the mechanical regulation of skeletal muscle mTORC1 signalling and growth. <i>Journal of Physiology</i> , 2011, 589, 1507-1507.	1.3	4
81	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
82	Aging and microRNA expression in human skeletal muscle: a microarray and bioinformatics analysis. <i>Physiological Genomics</i> , 2011, 43, 595-603.	1.0	206
83	Mammalian Target of Rapamycin Complex 1 Activation Is Required for the Stimulation of Human Skeletal Muscle Protein Synthesis by Essential Amino Acids <sup>3</sup> . <i>Journal of Nutrition</i> , 2011, 141, 856-862.	1.3	225
84	Skeletal Muscle Protein Balance and Metabolism in the Elderly. <i>Current Aging Science</i> , 2011, 4, 260-268.	0.4	81
85	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
86	Isolated pharmacological vasodilation does not stimulate skeletal muscle protein synthesis in healthy older adults.. <i>FASEB Journal</i> , 2011, 25, 233.7.	0.2	0
87	Resistance exercise increases leg muscle protein synthesis and mTOR signalling independent of sex. <i>Acta Physiologica</i> , 2010, 199, 71-81.	1.8	111
88	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
89	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
90	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

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91	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
92	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
93	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
94	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
95	The balancing act between the cellular processes of protein synthesis and breakdown: exercise as a model to understand the molecular mechanisms regulating muscle mass. <i>Journal of Applied Physiology</i> , 2009, 106, 1365-1366.	1.2	9
96	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
97	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
98	Essential Amino Acids Increase MicroRNA-499, $\mu$ 208b, and $\mu$ 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
99	Nutritional and contractile regulation of human skeletal muscle protein synthesis and mTORC1 signaling. <i>Journal of Applied Physiology</i> , 2009, 106, 1374-1384.	1.2	261
100	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
101	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
102	Phosphatidic acid: a novel mechanical mechanism for how resistance exercise activates mTORC1 signalling. <i>Journal of Physiology</i> , 2009, 587, 3415-3416.	1.3	6
103	Dietary protein recommendations and the prevention of sarcopenia. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2009, 12, 86-90.	1.3	664
104	Higher Leucine Content in an Essential Amino Acid Solution Enhances Human Skeletal Muscle mTOR Signaling. <i>FASEB Journal</i> , 2009, 23, 227.3.	0.2	0
105	Expression of the let-7 family of microRNAs is elevated in older human skeletal muscle. <i>FASEB Journal</i> , 2009, 23, 630.3.	0.2	0
106	Gene and protein expression associated with protein synthesis and breakdown in paraplegic skeletal muscle. <i>Muscle and Nerve</i> , 2008, 37, 505-513.	1.0	28
107	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
108	A chronic increase in physical activity inhibits fed-state mTOR/S6K1 signaling and reduces IRS-1 serine phosphorylation in rat skeletal muscle. <i>Applied Physiology, Nutrition and Metabolism</i> , 2008, 33, 93-101.	0.9	33

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109	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
110	Aging differentially affects human skeletal muscle microRNA expression at rest and after an anabolic stimulus of resistance exercise and essential amino acids. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008, 295, E1333-E1340.	1.8	208
111	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
112	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
113	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
114	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
115	Leucine-enriched nutrients and the regulation of mammalian target of rapamycin signalling and human skeletal muscle protein synthesis. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2008, 11, 222-226.	1.3	219
116	Chronic paraplegia-induced muscle atrophy downregulates the mTOR/S6K1 signaling pathway. <i>Journal of Applied Physiology</i> , 2008, 104, 27-33.	1.2	46
117	Phosphorylation of muscle Akt, AS160, and S6K1 are reduced following 8 weeks of increased physical activity in fasting rats. <i>FASEB Journal</i> , 2008, 22, .	0.2	0
118	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
119	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
120	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
121	Nutrient signalling in the regulation of human muscle protein synthesis. <i>Journal of Physiology</i> , 2007, 582, 813-823.	1.3	272
122	Fat oxidation and glucose uptake are increased following an acute bout of resistance exercise: Role of AMPK, ACC, Akt/PKB, and AS160. <i>FASEB Journal</i> , 2007, 21, A580.	0.2	1
123	Racial/ethnic disparities in basal muscle protein metabolism. <i>FASEB Journal</i> , 2007, 21, A837.	0.2	0
124	Prolonged Tracer Infusion and Sequential Muscle Biopsies Do Not Affect Human Muscle Protein and Amino Acid Kinetics. <i>FASEB Journal</i> , 2007, 21, A336.	0.2	0
125	Nutrient signaling in insulin resistant human skeletal muscle during reduced amino acid availability. <i>FASEB Journal</i> , 2007, 21, A714.	0.2	0
126	Nutrient signaling in the regulation of human muscle protein synthesis. <i>FASEB Journal</i> , 2007, 21, A713.	0.2	2



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127	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
128	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
129	Dysregulation of muscle fatty acid metabolism in type 2 diabetes is independent of malonyl-CoA. <i>Diabetologia</i> , 2006, 49, 2144-2152.	2.9	21
130	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
131	Insulin resistance of muscle protein metabolism in aging. <i>FASEB Journal</i> , 2006, 20, 768-769.	0.2	312
132	Muscle AMPK $\pm$ 2 activity, acidosis, and protein synthesis in men and women following resistance exercise. <i>FASEB Journal</i> , 2006, 20, A1047.	0.2	0
133	Effect of type 2 diabetes (T2DM) on muscle protein metabolism in older subjects. <i>FASEB Journal</i> , 2006, 20, A556.	0.2	0
134	Paraplegia in Rats is Associated with an Inhibition of p70S6 Kinase Activity. <i>FASEB Journal</i> , 2006, 20, A1469.	0.2	1
135	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
136	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
137	Leg glucose and protein metabolism during an acute bout of resistance exercise in humans. <i>Journal of Applied Physiology</i> , 2004, 97, 1379-1386.	1.2	36
138	Contractile and Nutritional Regulation of Human Muscle Growth. <i>Exercise and Sport Sciences Reviews</i> , 2003, 31, 127-131.	1.6	95
139	Malonyl coenzyme A and the regulation of functional carnitine palmitoyltransferase-1 activity and fat oxidation in human skeletal muscle. <i>Journal of Clinical Investigation</i> , 2002, 110, 1687-1693.	3.9	154
140	Malonyl coenzyme A and the regulation of functional carnitine palmitoyltransferase-1 activity and fat oxidation in human skeletal muscle. <i>Journal of Clinical Investigation</i> , 2002, 110, 1687-1693.	3.9	78
141	Timing of amino acid-carbohydrate ingestion alters anabolic response of muscle to resistance exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001, 281, E197-E206.	1.8	411
142	Alteration of Hepatic Fatty Acid Metabolism After Burn Injury in Pigs. <i>Journal of Parenteral and Enteral Nutrition</i> , 2001, 25, 310-316.	1.3	27
143	An oral essential amino acid-carbohydrate supplement enhances muscle protein anabolism after resistance exercise. <i>Journal of Applied Physiology</i> , 2000, 88, 386-392.	1.2	445
144	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

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145	Androstenedione Does Not Stimulate Muscle Protein Anabolism in Young Healthy Men. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 55-59.	1.8	50
146	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.	1.8	338
147	REGULATION OF FATTY ACID OXIDATION IN SKELETAL MUSCLE. Annual Review of Nutrition, 1999, 19, 463-484.	4.3	109