

Nicholas A Burd

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

135
papers

7,246
citations

46
h-index

84
g-index

147
ext. papers

8,489
ext. citations

3.2
avg, IF

6.2
L-index

#	Paper	IF	Citations
135	Cathepsin B and Muscular Strength are Independently Associated with Cognitive Control. <i>Brain Plasticity</i> , 2022 , 1-15	3.5	0
134	High Fermentable Oligosaccharides, Disaccharides, Monosaccharides, and Polyols (FODMAP) Consumption Among Endurance Athletes and Relationship to Gastrointestinal Symptoms. <i>Frontiers in Nutrition</i> , 2021 , 8, 637160	6.2	4
133	Sedentary time is related to deficits in response inhibition among adults with overweight and obesity: An accelerometry and event-related brain potentials study. <i>Psychophysiology</i> , 2021 , 58, e13843	4.1	2
132	Higher protein intake during resistance training does not potentiate strength, but modulates gut microbiota, in middle-aged adults: a randomized control trial. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021 , 320, E900-E913	6	6
131	Anabolic Resistance of Muscle Protein Turnover Comes in Various Shapes and Sizes. <i>Frontiers in Nutrition</i> , 2021 , 8, 615849	6.2	10
130	Higher Protein Intake Does Not Potentiate Skeletal Muscle Vitamin D Receptor. <i>Current Developments in Nutrition</i> , 2021 , 5, 512-512	0.4	0
129	Higher Protein Intake Does Not Augment Muscle Protein Synthetic Responses During the Early Stages of Resistance Training in Middle-Aged Adults. <i>Current Developments in Nutrition</i> , 2021 , 5, 520-520	0.4	78
128	Leucine Is More Readily Oxidized When Ingested as an Isolated Nutrient versus Incorporated in Its Whole-Food Matrix. <i>Current Developments in Nutrition</i> , 2021 , 5, 516-516	0.4	78
127	Avocado Consumption, Abdominal Adiposity, and Oral Glucose Tolerance Among Persons with Overweight and Obesity. <i>Journal of Nutrition</i> , 2021 , 151, 2513-2521	4.1	3
126	Systemic inflammation mediates the negative relationship between visceral adiposity and cognitive control. <i>International Journal of Psychophysiology</i> , 2021 , 165, 68-75	2.9	0
125	Avocado Consumption Alters Gastrointestinal Bacteria Abundance and Microbial Metabolite Concentrations among Adults with Overweight or Obesity: A Randomized Controlled Trial. <i>Journal of Nutrition</i> , 2021 , 151, 753-762	4.1	11
124	Does high dietary protein intake contribute to the increased risk of developing prediabetes and type 2 diabetes?. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021 , 46, 1-9	3	1
123	Dietary approaches to maintaining muscle mass 2021 , 81-107		
122	Dietary lutein plus zeaxanthin and choline intake is interactively associated with cognitive flexibility in middle-adulthood in adults with overweight and obesity. <i>Nutritional Neuroscience</i> , 2021 , 1-16	3.6	0
121	The relationships between prolonged sedentary time, physical activity, cognitive control, and P3 in adults with overweight and obesity. <i>International Journal of Obesity</i> , 2021 , 45, 746-757	5.5	2
120	Early resistance training-mediated stimulation of daily muscle protein synthetic responses to higher habitual protein intake in middle-aged adults. <i>Journal of Physiology</i> , 2021 , 599, 4287-4307	3.9	0
119	Dileucine ingestion is more effective than leucine in stimulating muscle protein turnover in young males: a double blind randomized controlled trial. <i>Journal of Applied Physiology</i> , 2021 , 131, 1111-1122	3.7	0

118	Genetic Variants in Lipid Metabolism Pathways Interact with Diet to Influence Blood Lipid Concentrations in Adults with Overweight and Obesity. <i>Lifestyle Genomics</i> , 2020 , 13, 155-163	2	2
117	Resistance Exercise Does Not Up-Regulate YAP Expression in Aged Human Skeletal Muscle. <i>Current Developments in Nutrition</i> , 2020 , 4, 656-656	0.4	78
116	Effects of Salmon Ingestion on Post-Exercise Muscle Protein Synthesis: Exploration of Whole Protein Foods Versus Isolated Nutrients. <i>Current Developments in Nutrition</i> , 2020 , 4, 650-650	0.4	78
115	Single Nucleotide Polymorphisms Related to Lipoprotein Metabolism Are Associated with Blood Lipid Changes following Regular Avocado Intake in a Randomized Control Trial among Adults with Overweight and Obesity. <i>Journal of Nutrition</i> , 2020 , 150, 1379-1387	4.1	4
114	Protein Type, Protein Dose, and Age Modulate Dietary Protein Digestion and Phenylalanine Absorption Kinetics and Plasma Phenylalanine Availability in Humans. <i>Journal of Nutrition</i> , 2020 , 150, 2041-2050	4.1	27
113	Alcohol sensitivity in women after undergoing bariatric surgery: a cross-sectional study. <i>Surgery for Obesity and Related Diseases</i> , 2020 , 16, 536-544	3	6
112	Relationships Between Muscular Strength, Cognitive Control, And Hippocampal Dependent Relational Memory Function. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 837-837	1.2	1
111	Accelerometer-measured Sedentary Patterns Are Related To Poorer Inhibitory Control In Obese-middle-aged Adults. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 959-959	1.2	
110	Ingestion of lean meat elevates muscle inositol hexakisphosphate kinase 1 protein content independent of a distinct post-prandial circulating proteome in young adults with obesity. <i>Metabolism: Clinical and Experimental</i> , 2020 , 102, 153996	12.7	4
109	Resistance Exercise-induced Regulation of Muscle Protein Synthesis to Intra-set Rest. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 1022-1030	1.2	3
108	Effects of 12-week avocado consumption on cognitive function among adults with overweight and obesity. <i>International Journal of Psychophysiology</i> , 2020 , 148, 13-24	2.9	17
107	Dietary Xanthophyll and Choline Intake Interactively Influence Cognitive Flexibility in Middle-Adulthood. <i>Current Developments in Nutrition</i> , 2020 , 4, 101-101	0.4	78
106	Of Sound Mind and Body: Exploring the Diet-Strength Interaction in Healthy Aging. <i>Frontiers in Nutrition</i> , 2020 , 7, 145	6.2	3
105	Differential Relationships Between Serum Xanthophylls and Macular Pigment and Retinal Morphology. <i>Current Developments in Nutrition</i> , 2020 , 4, 114-114	0.4	78
104	Resistance Exercise-Induced Apelin Is Not Modulated by Higher Dietary Protein Density in Overweight Adults. <i>Current Developments in Nutrition</i> , 2020 , 4, 50-50	0.4	78
103	Integrin-associated ILK and PINCH1 protein content are reduced in skeletal muscle of maintenance haemodialysis patients. <i>Journal of Physiology</i> , 2020 , 598, 5701-5716	3.9	3
102	Nutrition for Special Populations: Young, Female, and Masters Athletes. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2019 , 29, 220-227	4.4	26
101	The Role of the IGF-1 Signaling Cascade in Muscle Protein Synthesis and Anabolic Resistance in Aging Skeletal Muscle. <i>Frontiers in Nutrition</i> , 2019 , 6, 146	6.2	41

100	Molecular regulation of human skeletal muscle protein synthesis in response to exercise and nutrients: a compass for overcoming age-related anabolic resistance. <i>American Journal of Physiology - Cell Physiology</i> , 2019 , 317, C1061-C1078	5.4	24
99	The intrinsically labeled protein approach is the preferred method to quantify the release of dietary protein-derived amino acids into the circulation. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019 , 317, E433-E434	6	8
98	Obesity Alters the Muscle Protein Synthetic Response to Nutrition and Exercise. <i>Frontiers in Nutrition</i> , 2019 , 6, 87	6.2	29
97	Gastrointestinal Symptoms Related to Potato Ingestion During Cycling in Trained Athletes (P23-012-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	78
96	Effects of Avocado Consumption on Abdominal Adiposity and Glucose Tolerance: Findings from the Persea Americana for Total Health (PATH) Randomized Controlled Trial (P21-005-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	78
95	Effects of a 12-week Avocado Randomized-controlled Trial on Cognitive Function and Lutein Status Among Adults with Overweight and Obesity (OR05-01-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	78
94	Genetic Variants in Lipid Metabolism Pathways Interact with Diet to Influence Blood Lipid Concentrations in Adults with Overweight and Obesity (P15-015-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	78
93	Associations Between Serum Lutein and Human Gut Microbiota (P02-004-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	78
92	The Degree of Aminoacidemia after Dairy Protein Ingestion Does Not Modulate the Postexercise Anabolic Response in Young Men: A Randomized Controlled Trial. <i>Journal of Nutrition</i> , 2019 , 149, 1511-1522	4.1	9
91	Dietary Protein Quantity, Quality, and Exercise Are Key to Healthy Living: A Muscle-Centric Perspective Across the Lifespan. <i>Frontiers in Nutrition</i> , 2019 , 6, 83	6.2	37
90	Serum Lutein is related to Relational Memory Performance. <i>Nutrients</i> , 2019 , 11,	6.7	11
89	Exercising to offset muscle mass loss in hemodialysis patients: The disconnect between intention and intervention. <i>Seminars in Dialysis</i> , 2019 , 32, 379-385	2.5	8
88	Lean Body Mass, but Not Fat Mass, Is Associated with Hippocampal Memory Performance (P14-011-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	2
87	Interplay Between Systemic Inflammation, Visceral Fat, and Cognitive Control in People with Excess Fat Mass (OR32-06-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	78
86	Potato ingestion is as effective as carbohydrate gels to support prolonged cycling performance. <i>Journal of Applied Physiology</i> , 2019 , 127, 1651-1659	3.7	7
85	Higher Protein Intake does Not Potentiate Resistance Training-Induced Muscular Adaptations in Middle-aged Adults. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 791-791	1.2	2
84	Potato Ingestion as an Effective Race Fuel to Improve Cycling Performance in Trained Cyclists. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 139-139	1.2	
83	Food-First Approach to Enhance the Regulation of Post-exercise Skeletal Muscle Protein Synthesis and Remodeling. <i>Sports Medicine</i> , 2019 , 49, 59-68	10.6	52

82	Effect of Ingested Beef Quantity on Daily Muscle Protein Synthesis During Resistance Training in Middle-aged Adults (P08-068-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	78
81	Anabolic Signaling Phosphorylation Does Not Explain Differential Muscle Protein Synthesis with Intra-Set Rest Manipulation. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 78-78	1.2	
80	Time-dependent regulation of postprandial muscle protein synthesis rates after milk protein ingestion in young men. <i>Journal of Applied Physiology</i> , 2019 , 127, 1792-1801	3.7	12
79	Dietary Fiber Is Independently Related to Blood Triglycerides Among Adults with Overweight and Obesity. <i>Current Developments in Nutrition</i> , 2019 , 3, nzy094	0.4	7
78	Protein Intake for Optimal Sports Performance 2019 , 461-470		1
77	Translocation and protein complex co-localization of mTOR is associated with postprandial myofibrillar protein synthesis at rest and after endurance exercise. <i>Physiological Reports</i> , 2018 , 6, e13628	2.6	28
76	Achieving Optimal Post-Exercise Muscle Protein Remodeling in Physically Active Adults through Whole Food Consumption. <i>Nutrients</i> , 2018 , 10,	6.7	17
75	Physiological responses during a 25-km time trial in elite wheelchair racing athletes. <i>Spinal Cord Series and Cases</i> , 2018 , 4, 77	1.4	1
74	Altered anabolic signalling and reduced stimulation of myofibrillar protein synthesis after feeding and resistance exercise in people with obesity. <i>Journal of Physiology</i> , 2018 , 596, 5119-5133	3.9	24
73	Whole egg, but not egg white, ingestion induces mTOR colocalization with the lysosome after resistance exercise. <i>American Journal of Physiology - Cell Physiology</i> , 2018 , 315, C537-C543	5.4	22
72	Resistance Exercise and Low Dose Protein Ingestion Augments Anabolic Signaling Mechanisms In Older Women. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 750	1.2	
71	Myofibrillar Protein Synthesis to Traditional and Cluster Sets in Trained Young Men and Women. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 646	1.2	
70	Muscle Protein Synthetic Responses After Low-dose Protein Ingestion and Resistance Exercise In Older Women. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 750-751	1.2	
69	Chronic Systemic Inflammation Moderates the Relationship Between Adiposity and Behavioral and Neuroelectric Indices of Attention. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 756	1.2	
68	Circulating Progenitor Cell Response to Exercise in Wheelchair Racing Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 88-97	1.2	6
67	Dysregulated Handling of Dietary Protein and Muscle Protein Synthesis After Mixed-Meal Ingestion in Maintenance Hemodialysis Patients. <i>Kidney International Reports</i> , 2018 , 3, 1403-1415	4.1	23
66	Oral Glucose Tolerance is Associated with Neuroelectric Indices of Attention Among Adults with Overweight and Obesity. <i>Obesity</i> , 2018 , 26, 1550-1557	8	3
65	Co-ingesting milk fat with micellar casein does not affect postprandial protein handling in healthy older men. <i>Clinical Nutrition</i> , 2017 , 36, 429-437	5.9	29

64	Kinetics of circulating progenitor cell mobilization during submaximal exercise. <i>Journal of Applied Physiology</i> , 2017 , 122, 675-682	3.7	22
63	Skeletal Muscle Remodeling: Interconnections Between Stem Cells and Protein Turnover. <i>Exercise and Sport Sciences Reviews</i> , 2017 , 45, 187-191	6.7	22
62	Habituation to low or high protein intake does not modulate basal or postprandial muscle protein synthesis rates: a randomized trial. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 332-342	7	32
61	Consumption of whole eggs promotes greater stimulation of postexercise muscle protein synthesis than consumption of isonitrogenous amounts of egg whites in young men. <i>American Journal of Clinical Nutrition</i> , 2017 , 106, 1401-1412	7	68
60	Endurance Exercise Attenuates Postprandial Whole-Body Leucine Balance in Trained Men. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 2585-2592	1.2	22
59	Physiological Responses To A Simulated Half-marathon Road-race In Elite Wheelchair Racing Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 857-858	1.2	
58	Progenitor Cell Mobilization Following a Half-Marathon in Elite Wheelchair Athletes. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 459-460	1.2	
57	Protein-Rich Food Ingestion Stimulates Mitochondrial Protein Synthesis in Sedentary Young Adults of Different BMIs. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 3415-3424	5.6	22
56	Investigating the links between habitual diet, the gastrointestinal microbiota, and cardiovascular disease risk factors in healthy weight, overweight, and obese men and women. <i>FASEB Journal</i> , 2017 , 31, 965.37	0.9	
55	Presleep protein ingestion does not compromise the muscle protein synthetic response to protein ingested the following morning. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 311, E964-E973	6	23
54	Development of Intrinsically Labeled Eggs and Poultry Meat for Use in Human Metabolic Research. <i>Journal of Nutrition</i> , 2016 , 146, 1428-33	4.1	19
53	Myofibrillar Protein Synthesis Following Ingestion of Soy Protein Isolate at Rest and After Resistance Exercise in Elderly Men 2016 , 105-126		
52	Sodium nitrate co-ingestion with protein does not augment postprandial muscle protein synthesis rates in older, type 2 diabetes patients. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 311, E325-34	6	6
51	Anabolic sensitivity of postprandial muscle protein synthesis to the ingestion of a protein-dense food is reduced in overweight and obese young adults. <i>American Journal of Clinical Nutrition</i> , 2016 , 104, 1014-1022	7	56
50	Change in daily energy intake associated with pairwise compositional change in carbohydrate, fat and protein intake among US adults, 1999-2010. <i>Public Health Nutrition</i> , 2015 , 18, 1343-52	3.3	5
49	The Skeletal Muscle Anabolic Response to Plant- versus Animal-Based Protein Consumption. <i>Journal of Nutrition</i> , 2015 , 145, 1981-91	4.1	260
48	Differences in postprandial protein handling after beef compared with milk ingestion during postexercise recovery: a randomized controlled trial. <i>American Journal of Clinical Nutrition</i> , 2015 , 102, 828-36	7	79
47	Optimizing the measurement of mitochondrial protein synthesis in human skeletal muscle. <i>Applied Physiology, Nutrition and Metabolism</i> , 2015 , 40, 1-9	3	11

46	Protein ingestion to stimulate myofibrillar protein synthesis requires greater relative protein intakes in healthy older versus younger men. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015 , 70, 57-62	6.4	433
45	Protein-leucine fed dose effects on muscle protein synthesis after endurance exercise. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 547-55	1.2	46
44	Nutrient intake among US adults with disabilities. <i>Journal of Human Nutrition and Dietetics</i> , 2015 , 28, 465-75	3.1	11
43	Postprandial Protein Handling Is Not Impaired in Type 2 Diabetes Patients When Compared With Normoglycemic Controls. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2015 , 100, 3103-11	5.6	16
42	Carbohydrate coingestion delays dietary protein digestion and absorption but does not modulate postprandial muscle protein accretion. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2014 , 99, 2250-8	5.6	99
41	The use of doubly labeled milk protein to measure postprandial muscle protein synthesis rates in vivo in humans. <i>Journal of Applied Physiology</i> , 2014 , 117, 1363-70	3.7	31
40	Big claims for big weights but with little evidence. <i>European Journal of Applied Physiology</i> , 2013 , 113, 267-8	3.4	22
39	Dose-dependent responses of myofibrillar protein synthesis with beef ingestion are enhanced with resistance exercise in middle-aged men. <i>Applied Physiology, Nutrition and Metabolism</i> , 2013 , 38, 120-5	3	79
38	Anabolic resistance of muscle protein synthesis with aging. <i>Exercise and Sport Sciences Reviews</i> , 2013 , 41, 169-73	6.7	188
37	Substantial Differences between Organ and Muscle Specific Tracer Incorporation Rates in a Lactating Dairy Cow. <i>PLoS ONE</i> , 2013 , 8, e68109	3.7	28
36	Carbohydrate co-ingestion with protein delays dietary protein digestion and absorption but does not modulate postprandial muscle protein accretion. <i>FASEB Journal</i> , 2013 , 27, 249.6	0.9	
35	The reliability of using the single-biopsy approach to assess basal muscle protein synthesis rates in vivo in humans. <i>Metabolism: Clinical and Experimental</i> , 2012 , 61, 931-6	12.7	25
34	Bigger weights may not beget bigger muscles: evidence from acute muscle protein synthetic responses after resistance exercise. <i>Applied Physiology, Nutrition and Metabolism</i> , 2012 , 37, 551-4	3	59
33	Resistance exercise load does not determine training-mediated hypertrophic gains in young men. <i>Journal of Applied Physiology</i> , 2012 , 113, 71-7	3.7	406
32	Concurrent resistance and aerobic exercise stimulates both myofibrillar and mitochondrial protein synthesis in sedentary middle-aged men. <i>Journal of Applied Physiology</i> , 2012 , 112, 1992-2001	3.7	63
31	Supplementation of a suboptimal protein dose with leucine or essential amino acids: effects on myofibrillar protein synthesis at rest and following resistance exercise in men. <i>Journal of Physiology</i> , 2012 , 590, 2751-65	3.9	203
30	Nutritional regulation of muscle protein synthesis with resistance exercise: strategies to enhance anabolism. <i>Nutrition and Metabolism</i> , 2012 , 9, 40	4.6	98
29	Myofibrillar protein synthesis following ingestion of soy protein isolate at rest and after resistance exercise in elderly men. <i>Nutrition and Metabolism</i> , 2012 , 9, 57	4.6	166

28	Resistance exercise enhances myofibrillar protein synthesis with graded intakes of whey protein in older men. <i>British Journal of Nutrition</i> , 2012 , 108, 1780-8	3.6	317
27	The single biopsy approach is reliable for the measurement of muscle protein synthesis rates in vivo in older men. <i>Journal of Applied Physiology</i> , 2012 , 113, 896-902	3.7	22
26	Last word on viewpoint: the curious case of anabolic resistance: old wivesTtales or new fables?. <i>Journal of Applied Physiology</i> , 2012 , 112, 1237	3.7	3
25	Low muscle glycogen concentration does not suppress the anabolic response to resistance exercise. <i>Journal of Applied Physiology</i> , 2012 , 113, 206-14	3.7	52
24	Sex-based comparisons of myofibrillar protein synthesis after resistance exercise in the fed state. <i>Journal of Applied Physiology</i> , 2012 , 112, 1805-13	3.7	79
23	Muscle time under tension during resistance exercise stimulates differential muscle protein sub-fractional synthetic responses in men. <i>Journal of Physiology</i> , 2012 , 590, 351-62	3.9	197
22	Greater stimulation of myofibrillar protein synthesis with ingestion of whey protein isolate v. micellar casein at rest and after resistance exercise in elderly men. <i>British Journal of Nutrition</i> , 2012 , 108, 958-62	3.6	187
21	The curious case of anabolic resistance: old wivesTtales or new fables?. <i>Journal of Applied Physiology</i> , 2012 , 112, 1233-5	3.7	40
20	Neuromuscular electrical stimulation increases muscle protein synthesis rates in type 2 diabetic men. <i>FASEB Journal</i> , 2012 , 26, lb712	0.9	
19	Rapid aminoacidemia enhances myofibrillar protein synthesis and anabolic intramuscular signaling responses after resistance exercise. <i>American Journal of Clinical Nutrition</i> , 2011 , 94, 795-803	7	179
18	No role for early IGF-1 signalling in stimulating acute Tmuscle buildingTresponses. <i>Journal of Physiology</i> , 2011 , 589, 2667-8	3.9	3
17	Nutrient provision increases signalling and protein synthesis in human skeletal muscle after repeated sprints. <i>European Journal of Applied Physiology</i> , 2011 , 111, 1473-83	3.4	70
16	Validation of a single biopsy approach and bolus protein feeding to determine myofibrillar protein synthesis in stable isotope tracer studies in humans. <i>Nutrition and Metabolism</i> , 2011 , 8, 15	4.6	51
15	Enhanced amino acid sensitivity of myofibrillar protein synthesis persists for up to 24 h after resistance exercise in young men. <i>Journal of Nutrition</i> , 2011 , 141, 568-73	4.1	199
14	Carbohydrate does not augment exercise-induced protein accretion versus protein alone. <i>Medicine and Science in Sports and Exercise</i> , 2011 , 43, 1154-61	1.2	110
13	Growing collagen, not muscle, with weightlifting and TgrowthThormone. <i>Journal of Physiology</i> , 2010 , 588, 395-6	3.9	3
12	Resistance exercise volume affects myofibrillar protein synthesis and anabolic signalling molecule phosphorylation in young men. <i>Journal of Physiology</i> , 2010 , 588, 3119-30	3.9	204
11	Effect of a cyclooxygenase-2 inhibitor on postexercise muscle protein synthesis in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2010 , 298, E354-61	6	39

10	Low-load high volume resistance exercise stimulates muscle protein synthesis more than high-load low volume resistance exercise in young men. <i>PLoS ONE</i> , 2010 , 5, e12033	3.7	333
9	Elevations in ostensibly anabolic hormones with resistance exercise enhance neither training-induced muscle hypertrophy nor strength of the elbow flexors. <i>Journal of Applied Physiology</i> , 2010 , 108, 60-7	3.7	189
8	Human exercise-mediated skeletal muscle hypertrophy is an intrinsic process. <i>International Journal of Biochemistry and Cell Biology</i> , 2010 , 42, 1371-5	5.6	66
7	Comment and reply on: Interactions of cortisol, testosterone, and resistance training: influence of circadian rhythms. <i>Chronobiol Int.</i> 2010; 27(4): 675-705. <i>Chronobiology International</i> , 2010 , 27, 1943-5; author reply 1945-6	3.6	1
6	Fast whey protein and the leucine trigger. <i>Nutrafoods</i> , 2010 , 9, 7-11		10
5	Differential stimulation of myofibrillar and sarcoplasmic protein synthesis with protein ingestion at rest and after resistance exercise. <i>Journal of Physiology</i> , 2009 , 587, 897-904	3.9	222
4	Resistance exercise-induced increases in putative anabolic hormones do not enhance muscle protein synthesis or intracellular signalling in young men. <i>Journal of Physiology</i> , 2009 , 587, 5239-47	3.9	191
3	Exercise training and protein metabolism: influences of contraction, protein intake, and sex-based differences. <i>Journal of Applied Physiology</i> , 2009 , 106, 1692-701	3.7	229
2	Nutrition for Power and Sprint Training 134-145		
1	Estimating Heterogeneous Treatment Effect on Multivariate Responses Using Random Forests. <i>Statistics in Biosciences</i> , 1	1.5	0