

Robert R Wolfe

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/8820888/robert-r-wolfe-publications-by-year.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

339
papers

25,420
citations

84
h-index

152
g-index

355
ext. papers

28,502
ext. citations

5.3
avg, IF

7.11
L-index

#	Paper	IF	Citations
339	Nutrition and the Assessment of Sarcopenia 2022 , 269-281		
338	The potential role of beef and nutrients found in beef on outcomes of wellbeing in healthy adults 50 years of age and older: A systematic review of randomized controlled trials.. <i>Meat Science</i> , 2022 , 189, 108830	6.4	0
337	Metabolic Evaluation of the Dietary Guidelines R Ounce Equivalents of Protein Food Sources in Young Adults: A Randomized Controlled Trial. <i>Journal of Nutrition</i> , 2021 , 151, 1190-1196	4.1	7
336	Myostatin Inhibition-Induced Increase in Muscle Mass and Strength Was Amplified by Resistance Exercise Training, and Dietary Essential Amino Acids Improved Muscle Quality in Mice. <i>Nutrients</i> , 2021 , 13,	6.7	1
335	Whole-body protein kinetic models to quantify the anabolic response to dietary protein consumption. <i>Clinical Nutrition Open Science</i> , 2021 , 36, 78-90		3
334	Pre- and Post-Surgical Nutrition for Preservation of Muscle Mass, Strength, and Functionality Following Orthopedic Surgery. <i>Nutrients</i> , 2021 , 13,	6.7	5
333	The anabolic role of the Warburg, Cori-cycle and Crabtree effects in health and disease. <i>Clinical Nutrition</i> , 2021 , 40, 2988-2998	5.9	7
332	Effects of Fortetropin on the Rate of Muscle Protein Synthesis in Older Men and Women: A Randomized, Double-Blinded, Placebo-Controlled Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021 , 76, 108-114	6.4	1
331	Effects of high versus standard essential amino acid intakes on whole-body protein turnover and mixed muscle protein synthesis during energy deficit: A randomized, crossover study. <i>Clinical Nutrition</i> , 2021 , 40, 767-777	5.9	13
330	The impact of Hayward green kiwifruit on dietary protein digestion and protein metabolism. <i>European Journal of Nutrition</i> , 2021 , 60, 1141-1148	5.2	5
329	Equivalent servings of free-range reindeer promote greater net protein balance compared to commercial beef. <i>International Journal of Circumpolar Health</i> , 2021 , 80, 1897222	1.7	
328	Essential amino acid-enriched whey enhances post-exercise whole-body protein balance during energy deficit more than iso-nitrogenous whey or a mixed-macronutrient meal: a randomized, crossover study. <i>Journal of the International Society of Sports Nutrition</i> , 2021 , 18, 4	4.5	1
327	Daily Consumption of a Specially Formulated Essential Amino Acid-Based Dietary Supplement Improves Physical Performance in Older Adults With Low Physical Functioning. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021 , 76, 1184-1191	6.4	4
326	Perioperative amino acid infusion reestablishes muscle net balance during total hip arthroplasty. <i>Physiological Reports</i> , 2021 , 9, e15055	2.6	1
325	Serum biomarkers that predict lean mass loss over bed rest in older adults: An exploratory study. <i>Clinica Chimica Acta</i> , 2020 , 509, 72-78	6.2	1
324	Anabolic response to essential amino acid plus whey protein composition is greater than whey protein alone in young healthy adults. <i>Journal of the International Society of Sports Nutrition</i> , 2020 , 17, 9	4.5	15
323	Advances in stable isotope tracer methodology part 2: new thoughts about an "old" method-measurement of whole body protein synthesis and breakdown in the fed state. <i>Journal of Investigative Medicine</i> , 2020 , 68, 11-15	2.9	8

322	Quantifications of Lipid Kinetics Using Stable Isotope Tracer Methodology. <i>Journal of Lipid and Atherosclerosis</i> , 2020 , 9, 110-123	3	1
321	Potential Beneficial Effects of Dietary Protein Supplementation and Exercise on Functional Capacity in a Pilot Study of Individuals with Heart Failure with Preserved Ejection Fraction. <i>Gerontology and Geriatric Medicine</i> , 2020 , 6, 2333721420982808	2.3	0
320	Superior Influence of Reindeer compared to Beef Ingestion on Protein Metabolism in Humans. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
319	High And Standard Free-form EAA Intake Equally Stimulate Muscle Protein Synthesis During Moderate Energy Deficit. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 103-104	1.2	
318	High Compared To Standard Essential Amino Acid Intakes Enhance Whole-Body Protein Balance During Energy Deficit. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 506-506	1.2	
317	Understanding Muscle Protein Dynamics: Technical Considerations for Advancing Sarcopenia Research. <i>Annals of Geriatric Medicine and Research</i> , 2020 , 24, 157-165	2.9	11
316	Expression of genes related to autophagy and protein breakdown are positively correlated with protein synthesis and protein breakdown in skeletal muscle of healthy adults after a bout of resistance exercise. <i>FASEB Journal</i> , 2020 , 34, 1-1	0.9	
315	In Vivo and In Vitro Quantification of Glucose Kinetics: From Bedside to Bench. <i>Endocrinology and Metabolism</i> , 2020 , 35, 733-749	3.5	1
314	Acute hypoxia reduces exogenous glucose oxidation, glucose turnover, and metabolic clearance rate during steady-state aerobic exercise. <i>Metabolism: Clinical and Experimental</i> , 2020 , 103, 154030	12.7	6
313	Compromised Glutamine - Glutamate Metabolism in a Pseudomonas Aeruginosa Induced Hyperdynamic Sepsis-Recovery Pig Model During an Anabolic Nutritional Intervention. <i>Current Developments in Nutrition</i> , 2020 , 4, 1147-1147	0.4	78
312	Comparison of basal whole-body protein kinetics and muscle protein synthesis between young and older adults. <i>Physiological Reports</i> , 2020 , 8, e14633	2.6	7
311	Essential Amino Acids and Protein Synthesis: Insights into Maximizing the Muscle and Whole-Body Response to Feeding. <i>Nutrients</i> , 2020 , 12,	6.7	9
310	The Anabolic Response to Dietary Protein Is Not Limited by the Maximal Stimulation of Protein Synthesis in Healthy Older Adults: A Randomized Crossover Trial. <i>Nutrients</i> , 2020 , 12,	6.7	6
309	Net protein balance correlates with expression of autophagy, mitochondrial biogenesis, and fat metabolism-related genes in skeletal muscle from older adults. <i>Physiological Reports</i> , 2020 , 8, e14575	2.6	3
308	Human skeletal muscle metabolic responses to 6 days of high-fat overfeeding are associated with dietary n-3PUFA content and muscle oxidative capacity. <i>Physiological Reports</i> , 2020 , 8, e14529	2.6	2
307	Muscle Protein Synthesis and Whole-Body Protein Turnover Responses to Ingesting Essential Amino Acids, Intact Protein, and Protein-Containing Mixed Meals with Considerations for Energy Deficit. <i>Nutrients</i> , 2020 , 12,	6.7	14
306	Acute testosterone administration does not affect muscle anabolism. <i>Nutrition and Metabolism</i> , 2019 , 16, 56	4.6	4
305	Determination of Dietary Amino Acid Digestibility in Humans. <i>Journal of Nutrition</i> , 2019 , 149, 2101-2109	4.1	9

304	Essential amino acid-enriched meal replacement promotes superior net protein balance in older, overweight adults. <i>Clinical Nutrition</i> , 2019 , 38, 2821-2826	5.9	7
303	0104 Effect of Dinner Timing on Nocturnal Metabolism in Healthy Volunteers. <i>Sleep</i> , 2019 , 42, A43-A43	1.1	1
302	Inhibition of jejunal protein synthesis and breakdown in -induced sepsis pig model. <i>American Journal of Physiology - Renal Physiology</i> , 2019 , 316, G755-G762	5.1	5
301	Quantifying the contribution of dietary protein to whole body protein kinetics: examination of the intrinsically labeled proteins method. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2019 , 317, E74-E84	6	13
300	Consumption of a Specially-Formulated Mixture of Essential Amino Acids Promotes Gain in Whole-Body Protein to a Greater Extent than a Complete Meal Replacement in Older Women with Heart Failure. <i>Nutrients</i> , 2019 , 11,	6.7	13
299	Mitigation of Muscle Loss in Stressed Physiology: Military Relevance. <i>Nutrients</i> , 2019 , 11,	6.7	16
298	Methodological error in measurement of energy expenditure by the doubly labeled water method: much ado about nothing?. <i>American Journal of Clinical Nutrition</i> , 2019 , 110, 1253-1254	7	4
297	Ounce Equivalent Protein Ingestion Does Not Result in Equivalent Responses of Protein Kinetics (OR27-05-19). <i>Current Developments in Nutrition</i> , 2019 , 3,	0.4	78
296	Hypoalbuminemia: Pathogenesis and Clinical Significance. <i>Journal of Parenteral and Enteral Nutrition</i> , 2019 , 43, 181-193	4.2	223
295	Weight Loss Strategies in the Elderly: A Clinical Conundrum. <i>Obesity</i> , 2018 , 26, 22-28	8	23
294	The 2017 Sir David P Cuthbertson lecture. Amino acids and muscle protein metabolism in critical care. <i>Clinical Nutrition</i> , 2018 , 37, 1093-1100	5.9	29
293	A randomized study of dietary composition during weight-loss maintenance: Rationale, study design, intervention, and assessment. <i>Contemporary Clinical Trials</i> , 2018 , 65, 76-86	2.3	9
292	Protein intake distribution pattern does not affect anabolic response, lean body mass, muscle strength or function over 8 weeks in older adults: A randomized-controlled trial. <i>Clinical Nutrition</i> , 2018 , 37, 488-493	5.9	51
291	Update on maximal anabolic response to dietary protein. <i>Clinical Nutrition</i> , 2018 , 37, 411-418	5.9	55
290	Characteristics of a <i>Pseudomonas aeruginosa</i> induced porcine sepsis model for multi-organ metabolic flux measurements. <i>Laboratory Animals</i> , 2018 , 52, 163-175	2.6	4
289	Quality of meal protein determines anabolic response in older adults. <i>Clinical Nutrition</i> , 2018 , 37, 2076-2083	5.9	22
288	Quantification of muscle triglyceride synthesis rate requires an adjustment for total triglyceride content. <i>Journal of Lipid Research</i> , 2018 , 59, 2018-2024	6.3	1
287	Body weight influences genes related to energy metabolism in human skeletal muscle. <i>FASEB Journal</i> , 2018 , 32, 589.4	0.9	1

286	Factors contributing to the selection of dietary protein food sources. <i>Clinical Nutrition</i> , 2018 , 37, 130-138	9	42
285	Effects of a low carbohydrate diet on energy expenditure during weight loss maintenance: randomized trial. <i>BMJ, The</i> , 2018 , 363, k4583	5.9	117
284	Endogenous Amino Acid Losses from the Gastrointestinal Tract of the Adult Human-A Quantitative Model. <i>Journal of Nutrition</i> , 2018 , 148, 1871-1881	4.1	6
283	Obstructive Sleep Apnea Dynamically Increases Nocturnal Plasma Free Fatty Acids, Glucose, and Cortisol During Sleep. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2017 , 102, 3172-3181	5.6	61
282	Optimizing Protein Intake in Adults: Interpretation and Application of the Recommended Dietary Allowance Compared with the Acceptable Macronutrient Distribution Range. <i>Advances in Nutrition</i> , 2017 , 8, 266-275	10	61
281	Branched-chain amino acids and muscle protein synthesis in humans: myth or reality?. <i>Journal of the International Society of Sports Nutrition</i> , 2017 , 14, 30	4.5	104
280	Do anabolic nutritional supplements stimulate human growth hormone secretion in elderly women with heart failure?. <i>Physiological Reports</i> , 2017 , 5, e13366	2.6	5
279	Skeletal Muscle Acute and Chronic Metabolic Response to Essential Amino Acid Supplementation in Hypertriglyceridemic Older Adults. <i>Current Developments in Nutrition</i> , 2017 , 1, e002071	0.4	4
278	A New Derivatization Reagent for HPLC-MS Analysis of Biological Organic Acids. <i>Chromatographia</i> , 2017 , 80, 1723-1732	2.1	15
277	Effects of Dihydroxy-β-methylbutyrate on skeletal muscle mitochondrial content and dynamics, and lipids after 10 days of bed rest in older adults. <i>Journal of Applied Physiology</i> , 2017 , 123, 1092-1100	3.7	33
276	Short term elevation in dietary protein intake does not worsen insulin resistance or lipids in older adults with metabolic syndrome: a randomized-controlled trial. <i>BMC Nutrition</i> , 2017 , 3,	2.5	6
275	Phenylalanine isotope pulse method to measure effect of sepsis on protein breakdown and membrane transport in the pig. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017 , 312, E519-E529	6	9
274	Exploration of the protein requirement during weight loss in obese older adults. <i>Clinical Nutrition</i> , 2016 , 35, 394-398	5.9	22
273	Protein quality as determined by the Digestible Indispensable Amino Acid Score: evaluation of factors underlying the calculation. <i>Nutrition Reviews</i> , 2016 , 74, 584-99	6.4	61
272	Safety and performance benefits of arginine supplements for military personnel: a systematic review. <i>Nutrition Reviews</i> , 2016 , 74, 708-721	6.4	9
271	The anabolic response to a meal containing different amounts of protein is not limited by the maximal stimulation of protein synthesis in healthy young adults. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2016 , 310, E73-80	6	74
270	Recent developments in understanding protein needs - How much and what kind should we eat?. <i>Applied Physiology, Nutrition and Metabolism</i> , 2016 , 41, 577-80	3	23
269	Applications of stable, nonradioactive isotope tracers in in vivo human metabolic research. <i>Experimental and Molecular Medicine</i> , 2016 , 48, e203	12.8	61

268	The Link between Dietary Protein Intake, Skeletal Muscle Function and Health in Older Adults 2016 , 127-146		
267	Protein Consumption and the Elderly: What Is the Optimal Level of Intake?. <i>Nutrients</i> , 2016 , 8,	6.7	136
266	Amino Acid Availability Regulates the Effect of Hyperinsulinemia on Skin Protein Metabolism in Pigs. <i>Journal of Biological Chemistry</i> , 2015 , 290, 17776-17783	5.4	2
265	Update on protein intake: importance of milk proteins for health status of the elderly. <i>Nutrition Reviews</i> , 2015 , 73 Suppl 1, 41-7	6.4	36
264	Triglycerides produced in the livers of fasting rabbits are predominantly stored as opposed to secreted into the plasma. <i>Metabolism: Clinical and Experimental</i> , 2015 , 64, 580-7	12.7	7
263	Quantity of dietary protein intake, but not pattern of intake, affects net protein balance primarily through differences in protein synthesis in older adults. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015 , 308, E21-8	6	119
262	Bed rest promotes reductions in walking speed, functional parameters, and aerobic fitness in older, healthy adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015 , 70, 91-6	6.4	85
261	Ketone Bodies 2015 , 1-10		
260	The Link between Dietary Protein Intake, Skeletal Muscle Function and Health in Older Adults. <i>Healthcare (Switzerland)</i> , 2015 , 3, 529-43	3.4	29
259	Acute ingestion of citrulline stimulates nitric oxide synthesis but does not increase blood flow in healthy young and older adults with heart failure. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2015 , 309, E915-24	6	41
258	Nutritional Supplementation with Essential Amino Acids and Phytosterols May Reduce Risk for Metabolic Syndrome and Cardiovascular Disease in Overweight Individuals with Mild Hyperlipidemia 2015 , 3,		8
257	Postprandial muscle protein synthesis is higher after a high whey protein, leucine-enriched supplement than after a dairy-like product in healthy older people: a randomized controlled trial. <i>Nutrition Journal</i> , 2014 , 13, 9	4.3	53
256	Acute lysine supplementation does not improve hepatic or peripheral insulin sensitivity in older, overweight individuals. <i>Nutrition and Metabolism</i> , 2014 , 11, 49	4.6	8
255	Proteins and amino acids are fundamental to optimal nutrition support in critically ill patients. <i>Critical Care</i> , 2014 , 18, 591	10.8	63
254	Bed rest worsens impairments in fat and glucose metabolism in older, overweight adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2014 , 69, 363-70	6.4	21
253	Comparison of bolus injection and constant infusion methods for measuring muscle protein fractional synthesis rate in humans. <i>Metabolism: Clinical and Experimental</i> , 2014 , 63, 1562-7	12.7	8
252	Gender effects of supplemental amino acids on non-alcoholic fatty liver disease and chronic inflammation (1025.14). <i>FASEB Journal</i> , 2014 , 28, 1025.14	0.9	
251	Effect of β-hydroxy-β-methylbutyrate (HMB) on lean body mass during 10 days of bed rest in older adults. <i>Clinical Nutrition</i> , 2013 , 32, 704-12	5.9	181

250	Perspective: Optimal protein intake in the elderly. <i>Journal of the American Medical Directors Association</i> , 2013 , 14, 65-6	5.9	11
249	Acute hyperinsulinemia and reduced plasma free fatty acid levels decrease intramuscular triglyceride synthesis. <i>Metabolism: Clinical and Experimental</i> , 2013 , 62, 44-51	12.7	9
248	Effect of β-hydroxy-β-methylbutyrate (HMB) on lean body mass during 10 days of bed rest in older adults. <i>Clinical Nutrition</i> , 2013 , 32, 659	5.9	3
247	Is there a maximal anabolic response to protein intake with a meal?. <i>Clinical Nutrition</i> , 2013 , 32, 309-13	5.9	109
246	Dietary essential amino acids are highly anabolic in pediatric patients with cystic fibrosis. <i>Journal of Cystic Fibrosis</i> , 2013 , 12, 445-53	4.1	25
245	Is the optimal level of protein intake for older adults greater than the recommended dietary allowance?. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2013 , 68, 677-81	6.4	230
244	Arginine de novo and nitric oxide production in disease states. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2012 , 303, E1177-89	6	133
243	Bedrest and sarcopenia. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2012 , 15, 7-11	3.8	33
242	The role of dietary protein in optimizing muscle mass, function and health outcomes in older individuals. <i>British Journal of Nutrition</i> , 2012 , 108 Suppl 2, S88-93	3.6	91
241	Measurement of precursor enrichment for calculating intramuscular triglyceride fractional synthetic rate. <i>Journal of Lipid Research</i> , 2012 , 53, 119-25	6.3	13
240	Muscle protein synthesis in cancer patients can be stimulated with a specially formulated medical food. <i>Clinical Nutrition</i> , 2011 , 30, 759-68	5.9	142
239	Adult patients are more catabolic than children during acute phase after burn injury: a retrospective analysis on muscle protein kinetics. <i>Intensive Care Medicine</i> , 2011 , 37, 1317-22	14.5	17
238	Acute energy deprivation affects skeletal muscle protein synthesis and associated intracellular signaling proteins in physically active adults. <i>Journal of Nutrition</i> , 2010 , 140, 745-51	4.1	99
237	Intensive insulin therapy improves insulin sensitivity and mitochondrial function in severely burned children. <i>Critical Care Medicine</i> , 2010 , 38, 1475-83	1.4	38
236	Twenty-eight-day bed rest with hypercortisolemia induces peripheral insulin resistance and increases intramuscular triglycerides. <i>Metabolism: Clinical and Experimental</i> , 2010 , 59, 703-10	12.7	46
235	EAA supplementation to increase nitrogen intake improves muscle function during bed rest in the elderly. <i>Clinical Nutrition</i> , 2010 , 29, 18-23	5.9	178
234	Muscle protein synthesis and balance responsiveness to essential amino acids ingestion in the presence of elevated plasma free fatty acid concentrations. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2009 , 94, 2984-90	5.6	33
233	Amino acid supplementation decreases plasma and liver triacylglycerols in elderly. <i>Nutrition</i> , 2009 , 25, 281-8	4.8	24

232	A moderate serving of high-quality protein maximally stimulates skeletal muscle protein synthesis in young and elderly subjects. <i>Journal of the American Dietetic Association</i> , 2009 , 109, 1582-6		243
231	Application of liquid chromatography-tandem mass spectrometry (LC-MS/MS) for the analysis of stable isotope enrichments of phenylalanine and tyrosine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2009 , 877, 43-9	3.2	29
230	Insulin resistance, secretion and breakdown are increased 9 months following severe burn injury. <i>Burns</i> , 2009 , 35, 63-9	2.3	19
229	Measurement of protein fractional synthesis and breakdown rates in the skin of rabbits using a subflooding dose method. <i>Metabolism: Clinical and Experimental</i> , 2009 , 58, 1239-47	12.7	4
228	The synthetic rate of muscle triglyceride but not phospholipid is increased in obese rabbits. <i>Metabolism: Clinical and Experimental</i> , 2009 , 58, 1649-56	12.7	12
227	Stimulation of muscle anabolism by resistance exercise and ingestion of leucine plus protein. <i>Applied Physiology, Nutrition and Metabolism</i> , 2009 , 34, 151-61	3	57
226	Effect of amino acid supplementation on muscle mass, strength and physical function in elderly. <i>Clinical Nutrition</i> , 2008 , 27, 189-95	5.9	180
225	The anabolic effect of arginine on proteins in skin wound and muscle is independent of nitric oxide production. <i>Clinical Nutrition</i> , 2008 , 27, 649-56	5.9	22
224	Optimal protein intake in the elderly. <i>Clinical Nutrition</i> , 2008 , 27, 675-84	5.9	289
223	Cachexia: a new definition. <i>Clinical Nutrition</i> , 2008 , 27, 793-9	5.9	1486
222	Human mitochondrial oxidative capacity is acutely impaired after burn trauma. <i>American Journal of Surgery</i> , 2008 , 196, 234-9	2.7	34
221	Whey protein ingestion in elderly persons results in greater muscle protein accrual than ingestion of its constituent essential amino acid content. <i>Nutrition Research</i> , 2008 , 28, 651-8	4	115
220	The recommended dietary allowance of protein: a misunderstood concept. <i>JAMA - Journal of the American Medical Association</i> , 2008 , 299, 2891-3	27.4	73
219	Protein, weight management, and satiety. <i>American Journal of Clinical Nutrition</i> , 2008 , 87, 1558S-1561S	7	344
218	Role of dietary protein in the sarcopenia of aging. <i>American Journal of Clinical Nutrition</i> , 2008 , 87, 1562S-1566S	7	281
217	Lipid metabolism in diet-induced obese rabbits is similar to that of obese humans. <i>Journal of Nutrition</i> , 2008 , 138, 515-8	4.1	20
216	Protein Summit: consensus areas and future research. <i>American Journal of Clinical Nutrition</i> , 2008 , 87, 1582S-1583S	7	16
215	Basal and amino acid stimulated fractional synthesis rates of calf muscle protein subfractions in peripheral arterial disease. <i>FASEB Journal</i> , 2008 , 22, 1095.4	0.9	

214	Changes in skeletal muscle protein synthesis in trained adults during recovery from endurance exercise. <i>FASEB Journal</i> , 2008 , 22, 312.8	0.9	
213	Quantification of muscle lipid kinetics in obese and lean rabbits. <i>FASEB Journal</i> , 2008 , 22, 948.3	0.9	
212	Aging Does Not Diminish the Acute Anabolic Response to Resistance Exercise and Ingestion of a Protein-Rich Meal. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, S102	1.2	
211	Amino acids stimulate leg muscle protein synthesis in peripheral arterial disease. <i>Journal of Vascular Surgery</i> , 2007 , 45, 554-9; discussion 559-60	3.5	14
210	PPAR-alpha agonism improves whole body and muscle mitochondrial fat oxidation, but does not alter intracellular fat concentrations in burn trauma children in a randomized controlled trial. <i>Nutrition and Metabolism</i> , 2007 , 4, 9	4.6	40
209	Total aminoacyl-transfer RNA pool is greater in liver than muscle in rabbits. <i>Journal of Nutrition</i> , 2007 , 137, 2333-8	4.1	11
208	Local injection of insulin-zinc stimulates DNA synthesis in skin donor site wound. <i>Wound Repair and Regeneration</i> , 2007 , 15, 258-65	3.6	15
207	Amino acid metabolism and inflammatory burden in ovarian cancer patients undergoing intense oncological therapy. <i>Clinical Nutrition</i> , 2007 , 26, 736-43	5.9	59
206	Plasma triglycerides are not related to tissue lipids and insulin sensitivity in elderly following PPAR-alpha agonist treatment. <i>Mechanisms of Ageing and Development</i> , 2007 , 128, 558-65	5.6	13
205	Effect of 10 days of bed rest on skeletal muscle in healthy older adults. <i>JAMA - Journal of the American Medical Association</i> , 2007 , 297, 1772-4	27.4	502
204	Restoration of hormonal action and muscle protein. <i>Critical Care Medicine</i> , 2007 , 35, S630-4	1.4	21
203	Aging does not impair the anabolic response to a protein-rich meal. <i>American Journal of Clinical Nutrition</i> , 2007 , 86, 451-6	7	190
202	Insulin sensitivity and mitochondrial function are improved in children with burn injury during a randomized controlled trial of fenofibrate. <i>Annals of Surgery</i> , 2007 , 245, 214-21	7.8	88
201	Role of fat metabolism in burn trauma-induced skeletal muscle insulin resistance. <i>Critical Care Medicine</i> , 2007 , 35, S476-83	1.4	45
200	Plasma amino acid concentrations during late rehabilitation in patients with traumatic brain injury. <i>Archives of Physical Medicine and Rehabilitation</i> , 2007 , 88, 234-8	2.8	11
199	Local insulin-zinc injection accelerates skin donor site wound healing. <i>Journal of Surgical Research</i> , 2007 , 142, 90-6	2.5	40
198	Human mitochondrial oxidative capacity is acutely impaired following burn trauma. <i>FASEB Journal</i> , 2007 , 21, A839	0.9	2
197	Essential amino acid supplementation on muscle function and stair ascent/descent following 10 days of bed rest in older adults. <i>FASEB Journal</i> , 2007 , 21, A337	0.9	

196	ARGININE SUPPLEMENTATION HAS AN ANABOLIC EFFECT ON PROTEINS IN SKIN WOUND AND MUSCLE. <i>FASEB Journal</i> , 2007 , 21, A334	0.9	
195	Cytokine secretion and latent herpes virus reactivation with 28 days of horizontal hypokinesia. <i>Aviation, Space, and Environmental Medicine</i> , 2007 , 78, 608-12		9
194	Optimal nutrition, exercise, and hormonal therapy promote muscle anabolism in the elderly. <i>Journal of the American College of Surgeons</i> , 2006 , 202, 176-80	4.4	21
193	Differential stimulation of muscle protein synthesis in elderly humans following isocaloric ingestion of amino acids or whey protein. <i>Experimental Gerontology</i> , 2006 , 41, 215-9	4.5	167
192	Atrophy and impaired muscle protein synthesis during prolonged inactivity and stress. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2006 , 91, 4836-41	5.6	175
191	Measurement of stable isotopic enrichment and concentration of long-chain fatty acyl-carnitines in tissue by HPLC-MS. <i>Journal of Lipid Research</i> , 2006 , 47, 431-9	6.3	30
190	Quantification of protein metabolism in vivo for skin, wound, and muscle in severe burn patients. <i>Journal of Parenteral and Enteral Nutrition</i> , 2006 , 30, 331-8	4.2	35
189	A high proportion of leucine is required for optimal stimulation of the rate of muscle protein synthesis by essential amino acids in the elderly. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2006 , 291, E381-7	6	606
188	Insulin resistance of muscle protein metabolism in aging. <i>FASEB Journal</i> , 2006 , 20, 768-9	0.9	263
187	The flow phase of wound metabolism is characterized by stimulated protein synthesis rather than cell proliferation. <i>Journal of Surgical Research</i> , 2006 , 135, 61-7	2.5	12
186	Skeletal muscle protein metabolism and resistance exercise. <i>Journal of Nutrition</i> , 2006 , 136, 525S-528S	4.1	36
185	The underappreciated role of muscle in health and disease. <i>American Journal of Clinical Nutrition</i> , 2006 , 84, 475-82	7	822
184	Aerobic exercise training increases skeletal muscle protein turnover in healthy adults at rest. <i>Journal of Nutrition</i> , 2006 , 136, 379-83	4.1	70
183	Milk ingestion stimulates net muscle protein synthesis following resistance exercise. <i>Medicine and Science in Sports and Exercise</i> , 2006 , 38, 667-74	1.2	139
182	The use of beta-adrenergic blockade in preventing trauma-induced hepatomegaly. <i>Annals of Surgery</i> , 2006 , 243, 115-20	7.8	64
181	Quantification of the concentration and ¹³ C tracer enrichment of long-chain fatty acyl-coenzyme A in muscle by liquid chromatography/mass spectrometry. <i>Analytical Biochemistry</i> , 2006 , 349, 87-95	3.1	27
180	Skeletal Muscle Strength and Functional Ability in Older Adults Following 10 Days of Bed Rest. <i>FASEB Journal</i> , 2006 , 20, A382	0.9	
179	The effects of endurance exercise on skeletal muscle intracellular signaling events. <i>FASEB Journal</i> , 2006 , 20, A169	0.9	

178	Effects of 10 days of bedrest on body composition and the rate of muscle protein synthesis in older men and women. <i>FASEB Journal</i> , 2006 , 20, A159	0.9	2
177	The recovery of labeled acetate in severely burned children 7 days after injury. <i>FASEB Journal</i> , 2006 , 20, A169	0.9	
176	Nitric oxide-stimulated skeletal muscle capillary flow and glucose uptake in healthy elderly. <i>FASEB Journal</i> , 2006 , 20, A142	0.9	
175	Amino acid control of muscle protein turnover in renal disease. <i>Journal of Renal Nutrition</i> , 2005 , 15, 34-83		4
174	Enteral nutritional support in prevention and treatment of pressure ulcers: a systematic review and meta-analysis. <i>Ageing Research Reviews</i> , 2005 , 4, 422-50	12	230
173	Ketone Bodies 2005 ,		2
172	Incidence of associated events during the performance of invasive procedures in healthy human volunteers. <i>Journal of Applied Physiology</i> , 2005 , 98, 1202-6	3.7	13
171	Aging is associated with diminished accretion of muscle proteins after the ingestion of a small bolus of essential amino acids. <i>American Journal of Clinical Nutrition</i> , 2005 , 82, 1065-73	7	375
170	Influence of metformin on glucose intolerance and muscle catabolism following severe burn injury. <i>Annals of Surgery</i> , 2005 , 241, 334-42	7.8	78
169	Regulation of skeletal muscle protein metabolism in catabolic states. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2005 , 8, 61-5	3.8	84
168	Amino acid supplementation for reversing bed rest and steroid myopathies. <i>Journal of Nutrition</i> , 2005 , 135, 1809S-1812S	4.1	25
167	Method for the determination of the arteriovenous muscle protein balance during non-steady-state blood and muscle amino acid concentrations. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005 , 289, E1064-70	6	25
166	Exogenous amino acids stimulate human muscle anabolism without interfering with the response to mixed meal ingestion. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2005 , 288, E761-7	6	58
165	The catabolic effects of prolonged inactivity and acute hypercortisolemia are offset by dietary supplementation. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2005 , 90, 1453-9	5.6	42
164	Fractional synthesis rates of DNA and protein in rabbit skin are not correlated. <i>Journal of Nutrition</i> , 2004 , 134, 2401-6	4.1	16
163	Extremity hyperinsulinemia stimulates muscle protein synthesis in severely injured patients. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004 , 286, E529-34	6	57
162	The intracellular free amino acid pool represents tracer precursor enrichment for calculation of protein synthesis in cultured fibroblasts and myocytes. <i>Journal of Nutrition</i> , 2004 , 134, 1546-50	4.1	13
161	Leucine supplementation has an anabolic effect on proteins in rabbit skin wound and muscle. <i>Journal of Nutrition</i> , 2004 , 134, 3313-8	4.1	27

160	Essential amino acid and carbohydrate supplementation ameliorates muscle protein loss in humans during 28 days bedrest. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 4351-8	5.6	233
159	Increased VLDL-TAG turnover during and after acute moderate-intensity exercise. <i>Medicine and Science in Sports and Exercise</i> , 2004 , 36, 801-6	1.2	24
158	Leg glucose and protein metabolism during an acute bout of resistance exercise in humans. <i>Journal of Applied Physiology</i> , 2004 , 97, 1379-86	3.7	30
157	Effect of carbohydrate intake on net muscle protein synthesis during recovery from resistance exercise. <i>Journal of Applied Physiology</i> , 2004 , 96, 674-8	3.7	158
156	Amino acid ingestion improves muscle protein synthesis in the young and elderly. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004 , 286, E321-8	6	327
155	In vivo muscle amino acid transport involves two distinct processes. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2004 , 287, E136-41	6	31
154	Stable isotope tracer dilution for quantifying very low-density lipoprotein-triacylglycerol kinetics in man. <i>Clinical Nutrition</i> , 2004 , 23, 457-66	5.9	12
153	Protein and amino acids for athletes. <i>Journal of Sports Sciences</i> , 2004 , 22, 65-79	3.6	164
152	Intramuscular and liver triglycerides are increased in the elderly. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2004 , 89, 3864-71	5.6	203
151	Quantification of DNA synthesis from different pathways in cultured human fibroblasts and myocytes. <i>Metabolism: Clinical and Experimental</i> , 2004 , 53, 128-33	12.7	12
150	The WalkAbout: A new solution for preventing falls in the elderly and disabled. <i>Archives of Physical Medicine and Rehabilitation</i> , 2004 , 85, 2067-9	2.8	8
149	Potential ergogenic effects of arginine and creatine supplementation. <i>Journal of Nutrition</i> , 2004 , 134, 2888S-2894S; discussion 2895S	4.1	56
148	Ingestion of casein and whey proteins result in muscle anabolism after resistance exercise. <i>Medicine and Science in Sports and Exercise</i> , 2004 , 36, 2073-81	1.2	209
147	Effect of an amino acid, protein, and carbohydrate mixture on net muscle protein balance after resistance exercise. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2004 , 14, 255-71	4.4	72
146	Fatiguing exercise reduces DNA binding activity of NF-kappaB in skeletal muscle nuclei. <i>Journal of Applied Physiology</i> , 2004 , 97, 1740-5	3.7	51
145	Metabolic response of muscle to alanine, glutamine, and valine supplementation during severe illness. <i>Journal of Parenteral and Enteral Nutrition</i> , 2003 , 27, 307-14	4.2	15
144	Differential anabolic effects of testosterone and amino acid feeding in older men. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 358-62	5.6	116
143	Independent and combined effects of amino acids and glucose after resistance exercise. <i>Medicine and Science in Sports and Exercise</i> , 2003 , 35, 449-55	1.2	176

142	Improved net protein balance, lean mass, and gene expression changes with oxandrolone treatment in the severely burned. <i>Annals of Surgery</i> , 2003 , 237, 801-10; discussion 810-1	7.8	79
141	Effects of early excision and aggressive enteral feeding on hypermetabolism, catabolism, and sepsis after severe burn. <i>Journal of Trauma</i> , 2003 , 54, 755-61; discussion 761-4		122
140	Fatty Acid Oxidation 2003 ,		1
139	Essential amino acids are primarily responsible for the amino acid stimulation of muscle protein anabolism in healthy elderly adults. <i>American Journal of Clinical Nutrition</i> , 2003 , 78, 250-8	7	564
138	Hypercortisolemia alters muscle protein anabolism following ingestion of essential amino acids. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2003 , 284, E946-53	6	42
137	Markers of inflammation, proteolysis, and apoptosis in ESRD. <i>American Journal of Kidney Diseases</i> , 2003 , 42, 1212-20	7.4	54
136	Human muscle protein synthesis is modulated by extracellular, not intramuscular amino acid availability: a dose-response study. <i>Journal of Physiology</i> , 2003 , 552, 315-24	3.9	349
135	Exogenous nitric oxide increases basal leg glucose uptake in humans. <i>Metabolism: Clinical and Experimental</i> , 2003 , 52, 662-5	12.7	19
134	Latency, duration and dose response relationships of amino acid effects on human muscle protein synthesis. <i>Journal of Nutrition</i> , 2002 , 132, 3225S-7S	4.1	48
133	Dietary fat composition alters pulmonary function in pigs. <i>Nutrition</i> , 2002 , 18, 647-53	4.8	13
132	Alterations in protein metabolism during space flight and inactivity. <i>Nutrition</i> , 2002 , 18, 837-41	4.8	45
131	Dietary protein adequacy and lower body versus whole body resistive training in older humans. <i>Journal of Physiology</i> , 2002 , 542, 631-42	3.9	63
130	Effects of obesity on substrate utilization during exercise. <i>Obesity</i> , 2002 , 10, 575-84		113
129	Essential amino acids and muscle protein recovery from resistance exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002 , 283, E648-57	6	283
128	Measurement of muscle protein fractional synthesis and breakdown rates from a pulse tracer injection. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002 , 283, E753-64	6	59
127	Inverse regulation of protein turnover and amino acid transport in skeletal muscle of hypercatabolic patients. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2002 , 87, 3378-84	5.6	118
126	Glutamine supplementation fails to affect muscle protein kinetics in critically ill patients. <i>Journal of Parenteral and Enteral Nutrition</i> , 2002 , 26, 342-9; discussion 349-50	4.2	23
125	Relative influence of glucose and insulin on peripheral amino acid metabolism in severely burned patients. <i>Journal of Parenteral and Enteral Nutrition</i> , 2002 , 26, 271-7	4.2	39

124	Regulation of muscle protein by amino acids. <i>Journal of Nutrition</i> , 2002 , 132, 3219S-24S	4.1	164
123	Propranolol decreases splanchnic triacylglycerol storage in burn patients receiving a high-carbohydrate diet. <i>Annals of Surgery</i> , 2002 , 236, 218-25	7.8	55
122	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, 1687-93	15.9	58
121	Insulin and Protein Metabolism 2001 , 735-757		2
120	Exercise, protein metabolism, and muscle growth. <i>International Journal of Sport Nutrition and Exercise Metabolism</i> , 2001 , 11, 109-32	4.4	125
119	Surfactant phosphatidylcholine in thermally injured pigs. <i>Critical Care Medicine</i> , 2001 , 29, 1417-22	1.4	11
118	Latency and duration of stimulation of human muscle protein synthesis during continuous infusion of amino acids. <i>Journal of Physiology</i> , 2001 , 532, 575-9	3.9	300
117	Alteration of hepatic fatty acid metabolism after burn injury in pigs. <i>Journal of Parenteral and Enteral Nutrition</i> , 2001 , 25, 310-6	4.2	22
116	Reversal of catabolism by beta-blockade after severe burns. <i>New England Journal of Medicine</i> , 2001 , 345, 1223-9	59.2	538
115	Effects of amino acid intake on anabolic processes. <i>Applied Physiology, Nutrition, and Metabolism</i> , 2001 , 26 Suppl, S220-7		34
114	Session II: Physiological Aspects of Glutamine Metabolism I Discussion Summary. <i>Journal of Nutrition</i> , 2001 , 131, 2496S-2497S	4.1	2
113	Anabolic effects of oxandrolone after severe burn. <i>Annals of Surgery</i> , 2001 , 233, 556-64	7.8	194
112	Efficacy of a high-carbohydrate diet in catabolic illness. <i>Critical Care Medicine</i> , 2001 , 29, 1318-24	1.4	97
111	Testosterone administration in severe burns ameliorates muscle catabolism. <i>Critical Care Medicine</i> , 2001 , 29, 1936-42	1.4	136
110	Protein supplements and exercise. <i>American Journal of Clinical Nutrition</i> , 2000 , 72, 551S-7S	7	85
109	Determinants of skeletal muscle catabolism after severe burn. <i>Annals of Surgery</i> , 2000 , 232, 455-65	7.8	260
108	Changes in intermediary metabolism in severe surgical illness. <i>World Journal of Surgery</i> , 2000 , 24, 639-47	3.3	69
107	An oral essential amino acid-carbohydrate supplement enhances muscle protein anabolism after resistance exercise. <i>Journal of Applied Physiology</i> , 2000 , 88, 386-92	3.7	387

106	Testosterone and Muscle Protein Metabolism. <i>Mayo Clinic Proceedings</i> , 2000 , 75, S55-S60	6.4	33
105	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, 4481-90	5.6	343
104	Lung surfactant kinetics in conscious pigs. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1999 , 277, E187-95	6	11
103	Effect of hyperglycemia-hyperinsulinemia on whole body and regional fatty acid metabolism. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1999 , 276, E427-34	6	18
102	Oral amino acids stimulate muscle protein anabolism in the elderly despite higher first-pass splanchnic extraction. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1999 , 277, E513-20	6	182
101	Accelerated glutamine synthesis in critically ill patients cannot maintain normal intramuscular free glutamine concentration. <i>Journal of Parenteral and Enteral Nutrition</i> , 1999 , 23, 243-50; discussion 250-2	4.2	47
100	Regional disposal of intravenously infused glucose during prolonged hyperglycemia-hyperinsulinemia. <i>Journal of Nutritional Biochemistry</i> , 1999 , 10, 547-54	6.3	5
99	Regulation of fatty acid oxidation in skeletal muscle. <i>Annual Review of Nutrition</i> , 1999 , 19, 463-84	9.9	96
98	A submaximal dose of insulin promotes net skeletal muscle protein synthesis in patients with severe burns. <i>Annals of Surgery</i> , 1999 , 229, 11-8	7.8	179
97	Muscle protein catabolism after severe burn: effects of IGF-1/IGFBP-3 treatment. <i>Annals of Surgery</i> , 1999 , 229, 713-20; discussion 720-2	7.8	142
96	Maximal parenteral glucose oxidation in hypermetabolic young children. <i>Journal of Parenteral and Enteral Nutrition</i> , 1998 , 22, 190	4.2	5
95	Metabolism of skin and muscle protein is regulated differently in response to nutrition. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1998 , 274, E484-92	6	14
94	Regulation of fatty acid oxidation in untrained vs. trained men during exercise. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1998 , 274, E510-5	6	32
93	Albumin synthesis after intense intermittent exercise in human subjects. <i>Journal of Applied Physiology</i> , 1998 , 84, 584-92	3.7	60
92	Acute dichloroacetate administration increases skeletal muscle free glutamine concentrations after burn injury. <i>Annals of Surgery</i> , 1998 , 228, 249-56	7.8	17
91	Alanine and glutamine kinetics at rest and during exercise in humans. <i>Medicine and Science in Sports and Exercise</i> , 1998 , 30, 1053-8	1.2	13
90	Applied nutrition in ICU patients. A consensus statement of the American College of Chest Physicians. <i>Chest</i> , 1997 , 111, 769-78	5.3	400
89	Substrate utilization/insulin resistance in sepsis/trauma. <i>Baillieres Clinical Endocrinology and Metabolism</i> , 1997 , 11, 645-57		62

88	Measurement of very low stable isotope enrichments by gas chromatography/mass spectrometry: application to measurement of muscle protein synthesis. <i>Metabolism: Clinical and Experimental</i> , 1997 , 46, 943-8	12.7	98
87	Urea and protein metabolism in burned children: effect of dietary protein intake. <i>Metabolism: Clinical and Experimental</i> , 1997 , 46, 573-8	12.7	56
86	Resistance exercise maintains skeletal muscle protein synthesis during bed rest. <i>Journal of Applied Physiology</i> , 1997 , 82, 807-10	3.7	171
85	Ketamine anesthesia causes greater muscle catabolism in rabbits than does propofol. <i>Journal of Nutritional Biochemistry</i> , 1997 , 8, 133-139	6.3	8
84	Energy expenditure of swimmers during high volume training. <i>Medicine and Science in Sports and Exercise</i> , 1997 , 29, 950-4	1.2	40
83	Effect of theophylline on substrate metabolism during exercise. <i>Metabolism: Clinical and Experimental</i> , 1996 , 45, 1153-60	12.7	38
82	Effect of endurance training on glycerol kinetics during strenuous exercise in humans. <i>Metabolism: Clinical and Experimental</i> , 1996 , 45, 357-61	12.7	26
81	An animal model for measurement of protein metabolism in the skin. <i>Surgery</i> , 1996 , 119, 326-32	3.6	36
80	Muscle protein metabolism in female swimmers after a combination of resistance and endurance exercise. <i>Journal of Applied Physiology</i> , 1996 , 81, 2034-8	3.7	84
79	Regulation of the acid-labile subunit of the insulin-like growth factor ternary complex in patients with insulin-dependent diabetes mellitus and severe burns. <i>Clinical Endocrinology</i> , 1996 , 44, 525-32	3.4	16
78	Beta-blockade lowers peripheral lipolysis in burn patients receiving growth hormone. Rate of hepatic very low density lipoprotein triglyceride secretion remains unchanged. <i>Annals of Surgery</i> , 1996 , 223, 777-87; discussion 787-9	7.8	88
77	Pyruvate dehydrogenase inactivity is not responsible for sepsis-induced insulin resistance. <i>Critical Care Medicine</i> , 1996 , 24, 566-74	1.4	29
76	Oral branched-chain amino acids decrease whole-body proteolysis. <i>Journal of Parenteral and Enteral Nutrition</i> , 1995 , 19, 47-54	4.2	49
75	Role of membrane transport in interorgan amino acid flow between muscle and small intestine. <i>Metabolism: Clinical and Experimental</i> , 1995 , 44, 719-24	12.7	28
74	Stimulation of muscle protein synthesis by long-term insulin infusion in severely burned patients. <i>Annals of Surgery</i> , 1995 , 222, 283-94; 294-7	7.8	190
73	On estimating intrasubject variability in doubly labeled water experiments. <i>Journal of Nutritional Biochemistry</i> , 1994 , 5, 39-42	6.3	0
72	Determination of amino- and amide-15N glutamine enrichment with tertiary butyldimethylsilyl derivatives. <i>Biological Mass Spectrometry</i> , 1994 , 23, 682-8		15
71	Effect of hepatectomy on glucose metabolism in the dog. <i>Metabolism: Clinical and Experimental</i> , 1994 , 43, 670-6	12.7	4

70	Insulin action on protein metabolism. <i>Bailliere's Clinical Endocrinology and Metabolism</i> , 1993 , 7, 989-1005		45
69	The role of the renin-angiotensin system in insulin sensitivity in normotensive subjects. <i>American Journal of the Medical Sciences</i> , 1993 , 305, 67-71	2.2	16
68	Metabolic response to burn injury: nutritional implications. <i>Keio Journal of Medicine</i> , 1993 , 42, 1-8	1.6	11
67	Concentration dependence of methyl palmitate isotope ratios by electron impact ionization gas chromatography/mass spectrometry. <i>Biological Mass Spectrometry</i> , 1993 , 22, 481-6		38
66	Measurement of ¹⁵ N enrichment in multiple amino acids and urea in a single analysis by gas chromatography/mass spectrometry. <i>Biological Mass Spectrometry</i> , 1993 , 22, 518-23		68
65	Further evaluation of isotopic equilibration between labeled pyruvate and lactate. <i>Journal of Nutritional Biochemistry</i> , 1993 , 4, 218-221	6.3	4
64	Variation in total energy expenditure in young healthy free-living men. <i>Metabolism: Clinical and Experimental</i> , 1993 , 42, 487-96	12.7	66
63	Acute response of human muscle protein to catabolic hormones. <i>Annals of Surgery</i> , 1993 , 218, 679-84	7.8	70
62	Harry M. Vars Research Award. A new model to determine in vivo the relationship between amino acid transmembrane transport and protein kinetics in muscle. <i>Journal of Parenteral and Enteral Nutrition</i> , 1992 , 16, 305-15	4.2	137
61	Longitudinal changes in basal hepatic glucose production and suppression during insulin infusion in normal pregnant women. <i>American Journal of Obstetrics and Gynecology</i> , 1992 , 167, 913-9	6.4	132
60	In vivo assessment of the metabolic alterations in glucagonoma syndrome. <i>Metabolism: Clinical and Experimental</i> , 1992 , 41, 1171-5	12.7	22
59	Generalized lipodystrophy: in vivo evidence for hypermetabolism and insulin-resistant lipid, glucose, and amino acid kinetics. <i>Metabolism: Clinical and Experimental</i> , 1992 , 41, 893-6	12.7	33
58	Comparison of constant infusion and flooding dose techniques to measure muscle protein synthesis rate in dogs. <i>Journal of Nutrition</i> , 1992 , 122, 878-87	4.1	27
57	Propranolol diminishes extremity blood flow in burned patients. <i>Annals of Surgery</i> , 1991 , 213, 568-73; discussion 573-4	7.8	48
56	Lipolytic response to metabolic stress in critically ill patients. <i>Critical Care Medicine</i> , 1991 , 19, 776-9	1.4	43
55	Role of basal insulin in the regulation of protein kinetics and energy metabolism in septic patients. <i>Journal of Parenteral and Enteral Nutrition</i> , 1991 , 15, 394-9	4.2	9
54	Empirical assessment of model validity. <i>Journal of Parenteral and Enteral Nutrition</i> , 1991 , 15, 50S-54S	4.2	
53	Effect of exogenous growth hormone on glucose utilization in burn patients. <i>Journal of Surgical Research</i> , 1991 , 51, 518-23	2.5	62

52	Isotopic determination of fibronectin synthesis in humans. <i>Metabolism: Clinical and Experimental</i> , 1991 , 40, 553-61	12.7	20
51	LDL-cholesterol equations and SI units. <i>American Journal of Clinical Nutrition</i> , 1991 , 53, 982-3	7	1
50	The phospholipid/arachidonic acid second messenger system: its possible role in physiology and pathophysiology of metabolism. <i>Journal of Parenteral and Enteral Nutrition</i> , 1990 , 14, 416-27	4.2	9
49	Isotopic measurement of glucose and lactate kinetics. <i>Annals of Medicine</i> , 1990 , 22, 163-70	1.5	32
48	Protein and amino acid metabolism after injury. <i>Diabetes/metabolism Reviews</i> , 1989 , 5, 149-64		80
47	Glucagon and hepatic glucose production: modulation by low-dose bradykinin infusion. <i>Metabolism: Clinical and Experimental</i> , 1989 , 38, 878-82	12.7	9
46	Differentiation between septic and postburn insulin resistance. <i>Metabolism: Clinical and Experimental</i> , 1989 , 38, 983-9	12.7	168
45	Hyper and hypodynamic models of sepsis in guinea pigs. <i>Journal of Surgical Research</i> , 1989 , 46, 118-22	2.5	8
44	An integrated analysis of glucose, fat, and protein metabolism in severely traumatized patients. Studies in the basal state and the response to total parenteral nutrition. <i>Annals of Surgery</i> , 1989 , 209, 63-72	7.8	171
43	Low-dose bradykinin infusion reduces endogenous glucose production in surgical patients. <i>Metabolism: Clinical and Experimental</i> , 1988 , 37, 185-90	12.7	29
42	Bed-rest-induced insulin resistance occurs primarily in muscle. <i>Metabolism: Clinical and Experimental</i> , 1988 , 37, 802-6	12.7	204
41	On the measurement of lactate turnover in humans. <i>Metabolism: Clinical and Experimental</i> , 1988 , 37, 1078-80	12.7	15
40	Effect of elevated free fatty acids on glucose oxidation in normal humans. <i>Metabolism: Clinical and Experimental</i> , 1988 , 37, 323-9	12.7	104
39	Dynamics of the protein metabolic response to burn injury. <i>Metabolism: Clinical and Experimental</i> , 1988 , 37, 330-7	12.7	149
38	Effect of propranolol administration on hemodynamic and metabolic responses of burned pediatric patients. <i>Annals of Surgery</i> , 1988 , 208, 484-92	7.8	114
37	Metabolic intervention in surgical patients. An assessment of the effect of somatostatin, ranitidine, naloxone, diclophenac, dipyridamole, or salbutamol infusion on energy and protein kinetics in surgical patients using stable and radioisotopes. <i>Annals of Surgery</i> , 1988 , 207, 274-82	7.8	24
36	Energy and protein metabolism in sarcoma patients. <i>Annals of Surgery</i> , 1988 , 207, 283-9	7.8	32
35	Effect of severe burn injury on substrate cycling by glucose and fatty acids. <i>New England Journal of Medicine</i> , 1987 , 317, 403-8	59.2	405

34	Effect of alanine infusion on glucose and urea production in man. <i>Journal of Parenteral and Enteral Nutrition</i> , 1987 , 11, 109-11	4.2	44
33	Fatty acid and glycerol kinetics in septic patients and in patients with gastrointestinal cancer. The response to glucose infusion and parenteral feeding. <i>Annals of Surgery</i> , 1987 , 205, 368-76	7.8	147
32	Whole body protein kinetics in severely septic patients. The response to glucose infusion and total parenteral nutrition. <i>Annals of Surgery</i> , 1987 , 205, 288-94	7.8	209
31	Regulation of lipolysis in severely burned children. <i>Annals of Surgery</i> , 1987 , 206, 214-21	7.8	105
30	The integrated effect of adrenergic blockade on glucose, fatty acid, and glycerol kinetics: responses in the basal state and during hormonal control with somatostatin-hormonal infusion. <i>Journal of Surgical Research</i> , 1987 , 42, 257-72	2.5	10
29	Lung injury in acute pancreatitis: primary inhibition of pulmonary phospholipid synthesis. <i>American Journal of Surgery</i> , 1987 , 153, 54-61	2.7	31
28	The use of isotopic tracers in studying lipid metabolism in human subjects. <i>Baillieres Clinical Endocrinology and Metabolism</i> , 1987 , 1, 797-816		17
27	Subclinical abnormalities of glucose metabolism in subjects with previous gestational diabetes. <i>American Journal of Obstetrics and Gynecology</i> , 1986 , 155, 1255-62	6.4	68
26	Effect of epinephrine infusion and adrenergic blockade on glucose oxidation in conscious dogs. <i>Metabolism: Clinical and Experimental</i> , 1986 , 35, 673-8	12.7	12
25	Glucose metabolism in burn injury: a review. <i>Journal of Burn Care and Research</i> , 1985 , 6, 408-18		18
24	Tracers in Metabolic Research. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 1985 , 4, 510-511	2.8	5
23	Response to glucose and lipid infusions in sepsis: a kinetic analysis. <i>Metabolism: Clinical and Experimental</i> , 1985 , 34, 442-9	12.7	42
22	Effect of total parenteral nutrition on free fatty acid metabolism in burned patients. <i>Journal of Parenteral and Enteral Nutrition</i> , 1984 , 8, 357-60	4.2	53
21	Effects of intravenous glucose on whole body leucine dynamics, studied with 1-13C-leucine, in healthy young and elderly adults. <i>Journal of Gerontology</i> , 1984 , 39, 673-81		26
20	Glucose production in the perfused dog liver: effect of free fatty acids and ketones. <i>Journal of Surgical Research</i> , 1984 , 37, 437-42	2.5	11
19	The measurement of glucose turnover and oxidation using radioactive and stable isotopes. <i>Journal of Surgical Research</i> , 1983 , 34, 187-93	2.5	10
18	Response of protein and urea kinetics in burn patients to different levels of protein intake. <i>Annals of Surgery</i> , 1983 , 197, 163-71	7.8	212
17	Mechanisms of insulin resistance following injury. <i>Annals of Surgery</i> , 1982 , 196, 420-35	7.8	299

16	Glucose and fatty acid kinetics in fasted rats: effects of previous protein intake. <i>Metabolism: Clinical and Experimental</i> , 1982 , 31, 279-83	12.7	11
15	A method for the rapid determination of protein turnover. <i>Metabolism: Clinical and Experimental</i> , 1982 , 31, 749-54	12.7	13
14	Insulin and glucose kinetics following surgery. <i>Annals of Surgery</i> , 1980 , 191, 385-6	7.8	
13	Effect of food intake on hypermetabolic response to burn injury in guinea pigs. <i>Journal of Nutrition</i> , 1980 , 110, 1310-2	4.1	6
12	Investigation of factors determining the optimal glucose infusion rate in total parenteral nutrition. <i>Metabolism: Clinical and Experimental</i> , 1980 , 29, 892-900	12.7	207
11	The fate of a glucose infusion in fasting and fed guinea pigs: glucose oxidation rates and the distribution of glucose in liver, muscle, and adipose tissue. <i>Journal of Surgical Research</i> , 1980 , 29, 116-25 ^{2.5}	2.5	9
10	Influence of insulin and palmitic acid concentration on pulmonary surfactant synthesis. <i>Journal of Surgical Research</i> , 1979 , 27, 262-7	2.5	8
9	Glucose metabolism in severely burned patients. <i>Metabolism: Clinical and Experimental</i> , 1979 , 28, 1031-9 ^{12.7}	12.7	309
8	Glucose metabolism in man: responses to intravenous glucose infusion. <i>Metabolism: Clinical and Experimental</i> , 1979 , 28, 210-20	12.7	314
7	Glucose requirements following burn injury. Parameters of optimal glucose infusion and possible hepatic and respiratory abnormalities following excessive glucose intake. <i>Annals of Surgery</i> , 1979 , 190, 274-85	7.8	287
6	The reliability of rates of glucose appearance in vivo calculated from single tracer injections. <i>Canadian Journal of Physiology and Pharmacology</i> , 1979 , 57, 1267-74	2.4	15
5	Fallibility of the intravenous glucose tolerance test as a measure of endogenous glucose turnover. <i>Metabolism: Clinical and Experimental</i> , 1978 , 27, 217-26	12.7	12
4	Effect of glucose infusion on glucose and lactate metabolism in normal and burned guinea pigs. <i>Journal of Trauma</i> , 1978 , 18, 800-5		27
3	Glucose kinetics in dogs following a lethal dose of endotoxin. <i>Metabolism: Clinical and Experimental</i> , 1977 , 26, 847-50	12.7	20
2	Burn shock in untreated and saline-resuscitated guinea pigs. Development of a model. <i>Journal of Surgical Research</i> , 1976 , 21, 269-76	2.5	11
1	Effects of insulin infusion on glucose kinetics in normal and burned guinea pigs. <i>Life Sciences</i> , 1976 , 19, 147-55	6.8	10