

Dale A Schoeller

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5157790/dale-a-schoeller-publications-by-year.pdf>

Version: 2024-04-26

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.

223
papers

19,967
citations

74
h-index

137
g-index

233
ext. papers

22,009
ext. citations

5.8
avg, IF

6.63
L-index

#	Paper	IF	Citations
223	Effect of Sleep Extension on Objectively Assessed Energy Intake Among Adults With Overweight in Real-life Settings: A Randomized Clinical Trial.. <i>JAMA Internal Medicine</i> , 2022 ,	11.5	6
222	Total energy expenditure is repeatable in adults but not associated with short-term changes in body composition.. <i>Nature Communications</i> , 2022 , 13, 99	17.4	0
221	Septuagenarians Approach 4 Times the Basal Metabolic Rate During Race Across America.. <i>International Journal of Sports Physiology and Performance</i> , 2022 , 1-4	3.5	0
220	Alaska backcountry expeditionary hunting promotes rapid improvements in metabolic biomarkers in healthy males and females. <i>Physiological Reports</i> , 2021 , 9, e14682	2.6	1
219	Toward more rigorous and informative nutritional epidemiology: The rational space between dismissal and defense of the status quo. <i>Critical Reviews in Food Science and Nutrition</i> , 2021 , 1-18	11.5	5
218	Evolution of water conservation in humans. <i>Current Biology</i> , 2021 , 31, 1804-1810.e5	6.3	7
217	The Breath Carbon Isotope Ratio Reflects Short-term Added-Sugar Intake in a Dose-Response, Crossover Feeding Study of 12 Healthy Adults. <i>Journal of Nutrition</i> , 2021 , 151, 628-635	4.1	2
216	A standard calculation methodology for human doubly labeled water studies. <i>Cell Reports Medicine</i> , 2021 , 2, 100203	18	21
215	Energy compensation and adiposity in humans. <i>Current Biology</i> , 2021 , 31, 4659-4666.e2	6.3	7
214	Daily energy expenditure through the human life course. <i>Science</i> , 2021 , 373, 808-812	33.3	43
213	Physical activity and fat-free mass during growth and in later life. <i>American Journal of Clinical Nutrition</i> , 2021 , 114, 1583-1589	7	3
212	Comparison of isotope ratio mass spectrometry and cavity ring-down spectroscopy procedures and precision of the doubly labeled water method in different physiological specimens. <i>Rapid Communications in Mass Spectrometry</i> , 2021 , 35, e9188	2.2	2
211	An objective measure of energy intake using the principle of energy balance. <i>International Journal of Obesity</i> , 2021 , 45, 725-732	5.5	5
210	Change in eating pattern as a contributor to energy intake and weight gain during the winter holiday period in obese adults. <i>International Journal of Obesity</i> , 2020 , 44, 1586-1595	5.5	10
209	Traditional Self-Reported Dietary Instruments Are Prone to Inaccuracies and New Approaches Are Needed. <i>Frontiers in Nutrition</i> , 2020 , 7, 90	6.2	29
208	Circannual growth in Wisconsin children and adolescents: Identifying optimal periods of obesity prevention. <i>Pediatric Obesity</i> , 2020 , 15, e12572	4.6	1
207	Does exclusion of extreme reporters of energy intake (the "Goldberg cutoffs") reliably reduce or eliminate bias in nutrition studies? Analysis with illustrative associations of energy intake with health outcomes. <i>American Journal of Clinical Nutrition</i> , 2019 , 110, 1231-1239	7	6

206	Total energy expenditure measured using doubly labeled water compared with estimated energy requirements in older adults (≥5 y): analysis of primary data. <i>American Journal of Clinical Nutrition</i> , 2019 , 110, 1353-1361	7	14
205	Influence of Energy Balance on the Rate of Weight Loss Throughout One Year of Roux-en-Y Gastric Bypass: a Doubly Labeled Water Study. <i>Obesity Surgery</i> , 2019 , 29, 3299-3308	3.7	3
204	Higher dietary protein intake preserves lean body mass, lowers liver lipid deposition, and maintains metabolic control in participants with long-chain fatty acid oxidation disorders. <i>Journal of Inherited Metabolic Disease</i> , 2019 , 42, 857-869	5.4	5
203	Determining the Accuracy and Reliability of Indirect Calorimeters Utilizing the Methanol Combustion Technique. <i>Nutrition in Clinical Practice</i> , 2018 , 33, 206-216	3.6	15
202	Circannual variation in relative weight of children 5 to 16 years of age. <i>Pediatric Obesity</i> , 2018 , 13, 399-405	4.56	4
201	Resting Metabolic Rate, Total Daily Energy Expenditure, and Metabolic Adaptation 6 Months and 24 Months After Bariatric Surgery. <i>Obesity</i> , 2018 , 26, 862-868	8	23
200	Comparison of self-reported dietary intakes from the Automated Self-Administered 24-h recall, 4-d food records, and food-frequency questionnaires against recovery biomarkers. <i>American Journal of Clinical Nutrition</i> , 2018 , 107, 80-93	7	126
199	Total energy expenditure and body composition of children with developmental disabilities. <i>Disability and Health Journal</i> , 2018 , 11, 442-446	4.2	14
198	Accuracy of total energy expenditure predictive equations after a massive weight loss induced by bariatric surgery. <i>Clinical Nutrition ESPEN</i> , 2018 , 26, 57-65	1.3	6
197	Caloric Restriction and Healthy Life Span: Frail Phenotype of Nonhuman Primates in the Wisconsin National Primate Research Center Caloric Restriction Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018 , 73, 273-278	6.4	36
196	Reducing Calories to Lose Weight. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 319, 2336-2337	3.74	6
195	The energy requirements and metabolic benefits of wilderness hunting in Alaska. <i>Physiological Reports</i> , 2018 , 6, e13925	2.6	5
194	Combination of DXA and BIS body composition measurements is highly correlated with physical function—an approach to improve muscle mass assessment. <i>Archives of Osteoporosis</i> , 2018 , 13, 97	2.9	7
193	Dietary biomarker evaluation in a controlled feeding study in women from the Women's Health Initiative cohort. <i>American Journal of Clinical Nutrition</i> , 2017 , 105, 466-475	7	47
192	Composition of two-week change in body weight under unrestricted free-living conditions. <i>Physiological Reports</i> , 2017 , 5, e13336	2.6	26
191	Accelerometer-measured physical activity is not associated with two-year weight change in African-origin adults from five diverse populations. <i>PeerJ</i> , 2017 , 5, e2902	3.1	18
190	Electrical Properties Assessed by Bioelectrical Impedance Spectroscopy as Biomarkers of Age-related Loss of Skeletal Muscle Quantity and Quality. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017 , 72, 1180-1186	6.4	40
189	Misdefined energy flux and increased fatness. <i>American Journal of Clinical Nutrition</i> , 2016 , 104, 1485-1486	3.6	1

188	High energy expenditure is not protective against increased adiposity in children. <i>Pediatric Obesity</i> , 2016 , 11, 528-534	4.6	5
187	Dilution space ratio of 2H and 18O of doubly labeled water method in humans. <i>Journal of Applied Physiology</i> , 2016 , 120, 1349-54	3.7	23
186	Constrained Total Energy Expenditure and Metabolic Adaptation to Physical Activity in Adult Humans. <i>Current Biology</i> , 2016 , 26, 410-7	6.3	146
185	Metabolic acceleration and the evolution of human brain size and life history. <i>Nature</i> , 2016 , 533, 390-2	50.4	145
184	Association of car ownership and physical activity across the spectrum of human development: Modeling the Epidemiologic Transition Study (METS). <i>BMC Public Health</i> , 2015 , 15, 173	4.1	32
183	Under-reporting of dietary energy intake in five populations of the African diaspora. <i>British Journal of Nutrition</i> , 2015 , 113, 464-72	3.6	33
182	Implausible results from the use of invalid methods. <i>Journal of Nutrition</i> , 2015 , 145, 150	4.1	4
181	School Gardens Enhance Academic Performance and Dietary Outcomes in Children. <i>Journal of School Health</i> , 2015 , 85, 508-18	2.1	78
180	Special Considerations for Measuring Energy Expenditure with Doubly Labeled Water under Atypical Conditions. <i>Journal of Obesity & Weight Loss Therapy</i> , 2015 , 5,	0	12
179	Intensity of physical activity in the energy expenditure of older adults. <i>Journal of Aging and Physical Activity</i> , 2014 , 22, 571-7	1.6	14
178	Home food availability, parental dietary intake, and familial eating habits influence the diet quality of urban Hispanic children. <i>Childhood Obesity</i> , 2014 , 10, 408-15	2.5	70
177	Association between smoking and total energy expenditure in a multi-country study. <i>Nutrition and Metabolism</i> , 2014 , 11, 48	4.6	9
176	The effect of holiday weight gain on body weight. <i>Physiology and Behavior</i> , 2014 , 134, 66-9	3.5	61
175	Longitudinal change in energy expenditure and effects on energy requirements of the elderly. <i>Nutrition Journal</i> , 2013 , 12, 73	4.3	33
174	Long-term calorie restriction decreases metabolic cost of movement and prevents decrease of physical activity during aging in rhesus monkeys. <i>Experimental Gerontology</i> , 2013 , 48, 1226-35	4.5	44
173	Activity energy expenditure is a major determinant of dietary fat oxidation and trafficking, but the deleterious effect of detraining is more marked than the beneficial effect of training at current recommendations. <i>American Journal of Clinical Nutrition</i> , 2013 , 98, 648-58	7	30
172	Effect of contrasted levels of habitual physical activity on metabolic flexibility. <i>Journal of Applied Physiology</i> , 2013 , 114, 371-9	3.7	24
171	Effect of clothing weight on body weight. <i>International Journal of Obesity</i> , 2013 , 37, 160-1	5.5	17

170	Validity of doubly labeled water in obese subjects: questioning the validity of any technique requires an indisputable accuracy of the reference method. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2013 , 305, E1178-80	6	2
169	A novel carbon isotope biomarker for dietary sugar. <i>Journal of Nutrition</i> , 2013 , 143, 763-5	4.1	4
168	Comparison of total energy expenditure between school and summer months. <i>Pediatric Obesity</i> , 2013 , 8, 404-10	4.6	18
167	Prediction of fat-free mass using bioelectrical impedance analysis in young adults from five populations of African origin. <i>European Journal of Clinical Nutrition</i> , 2013 , 67, 956-60	5.2	12
166	Self-report-based estimates of energy intake offer an inadequate basis for scientific conclusions. <i>American Journal of Clinical Nutrition</i> , 2013 , 97, 1413-5	7	137
165	Effect of exercise on the diurnal variation in energy substrate use during a high-fat diet. <i>European Journal of Applied Physiology</i> , 2012 , 112, 3775-85	3.4	3
164	Alterations in energy balance following exenatide administration. <i>Applied Physiology, Nutrition and Metabolism</i> , 2012 , 37, 893-9	3	33
163	Energy balance and its components: implications for body weight regulation. <i>American Journal of Clinical Nutrition</i> , 2012 , 95, 989-94	7	374
162	Relation between holiday weight gain and total energy expenditure among 40- to 69-y-old men and women (OPEN study). <i>American Journal of Clinical Nutrition</i> , 2012 , 95, 726-31	7	26
161	Validity of combining heart rate and uniaxial acceleration to measure free-living physical activity energy expenditure in young men. <i>Journal of Applied Physiology</i> , 2012 , 113, 1763-71	3.7	67
160	Impact of exercise and dietary fatty acid composition from a high-fat diet on markers of hunger and satiety. <i>Appetite</i> , 2011 , 56, 171-8	4.5	28
159	Physical activity and weight control: conflicting findings. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2011 , 14, 419-24	3.8	29
158	Protocol for the modeling the epidemiologic transition study: a longitudinal observational study of energy balance and change in body weight, diabetes and cardiovascular disease risk. <i>BMC Public Health</i> , 2011 , 11, 927	4.1	47
157	Doubly labeled water analysis using cavity ring-down spectroscopy. <i>Rapid Communications in Mass Spectrometry</i> , 2011 , 25, 3-8	2.2	39
156	Evaluation and comparison of food records, recalls, and frequencies for energy and protein assessment by using recovery biomarkers. <i>American Journal of Epidemiology</i> , 2011 , 174, 591-603	3.8	210
155	A Simple Model Predicting Individual Weight Change in Humans. <i>Journal of Biological Dynamics</i> , 2011 , 5, 579-599	2.4	84
154	Weight suppression and risk of future increases in body mass: effects of suppressed resting metabolic rate and energy expenditure. <i>American Journal of Clinical Nutrition</i> , 2011 , 94, 7-11	7	45
153	Comparative validity of physical activity measures in older adults. <i>Medicine and Science in Sports and Exercise</i> , 2011 , 43, 867-76	1.2	160

152	Insufficient sleep undermines dietary efforts to reduce adiposity. <i>Annals of Internal Medicine</i> , 2010 , 153, 435-41	8	240
151	The natural ¹³ C abundance of plasma glucose is a useful biomarker of recent dietary caloric sweetener intake. <i>Journal of Nutrition</i> , 2010 , 140, 333-7	4.1	39
150	Effect of conjugated linoleic acid on body fat accretion in overweight or obese children. <i>American Journal of Clinical Nutrition</i> , 2010 , 91, 1157-64	7	84
149	A computational model to determine energy intake during weight loss. <i>American Journal of Clinical Nutrition</i> , 2010 , 92, 1326-31	7	80
148	Regulation of energy balance during long-term physical inactivity induced by bed rest with and without exercise training. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2010 , 95, 1045-53	5.6	41
147	Effect of smoking status on total energy expenditure. <i>Nutrition and Metabolism</i> , 2010 , 7, 81	4.6	10
146	Influence of dietary fatty acid composition and exercise on changes in fat oxidation from a high-fat diet. <i>Journal of Applied Physiology</i> , 2010 , 109, 1011-8	3.7	17
145	Environment and obesity in the National Children's Study. <i>Environmental Health Perspectives</i> , 2009 , 117, 159-66	8.4	64
144	Estimating the changes in energy flux that characterize the rise in obesity prevalence. <i>American Journal of Clinical Nutrition</i> , 2009 , 89, 1723-8	7	204
143	Physical inactivity differentially alters dietary oleate and palmitate trafficking. <i>Diabetes</i> , 2009 , 58, 367-76.9		72
142	Energy intake and energy expenditure among children with polymorphisms of the melanocortin-3 receptor. <i>American Journal of Clinical Nutrition</i> , 2009 , 90, 912-20	7	40
141	Energy expenditure does not predict weight change in either Nigerian or African American women. <i>American Journal of Clinical Nutrition</i> , 2009 , 89, 169-76	7	46
140	Comparison of self-reported, measured, metabolizable energy intake with total energy expenditure in overweight teens. <i>American Journal of Clinical Nutrition</i> , 2009 , 89, 1744-50	7	72
139	Effects of dietary fatty acid composition on 24-h energy expenditure and chronic disease risk factors in men. <i>American Journal of Clinical Nutrition</i> , 2009 , 89, 1350-6	7	13
138	Assessing validity and reliability of resting metabolic rate in six gas analysis systems. <i>Journal of the American Dietetic Association</i> , 2009 , 109, 128-32		161
137	Serum leptin levels in obese males during over- and underfeeding. <i>Obesity</i> , 2009 , 17, 2149-54	8	9
136	The energy balance equation: looking back and looking forward are two very different views. <i>Nutrition Reviews</i> , 2009 , 67, 249-54	6.4	41
135	Metabolic fate of saturated and monounsaturated dietary fats: the Mediterranean diet revisited from epidemiological evidence to cellular mechanisms. <i>Progress in Lipid Research</i> , 2009 , 48, 128-47	14.3	62

134	Sleep curtailment is accompanied by increased intake of calories from snacks. <i>American Journal of Clinical Nutrition</i> , 2009 , 89, 126-33	7	504
133	A meta-analysis of the effects of conjugated linoleic acid on fat-free mass in humans. <i>Applied Physiology, Nutrition and Metabolism</i> , 2009 , 34, 975-8	3	25
132	Insights into energy balance from doubly labeled water. <i>International Journal of Obesity</i> , 2008 , 32 Suppl 7, S72-5	5.5	35
131	Calcium and dairy product modulation of lipid utilization and energy expenditure. <i>Obesity</i> , 2008 , 16, 1566-72	7.1	
130	Energy expenditure and adiposity in Nigerian and African-American women. <i>Obesity</i> , 2008 , 16, 2148-54	8	29
129	Use of recovery biomarkers to calibrate nutrient consumption self-reports in the Women's Health Initiative. <i>American Journal of Epidemiology</i> , 2008 , 167, 1247-59	3.8	268
128	The acetate recovery factor to correct tracer-derived dietary fat oxidation in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2008 , 294, E645-53	6	18
127	Total daily energy expenditure among middle-aged men and women: the OPEN Study. <i>American Journal of Clinical Nutrition</i> , 2007 , 86, 382-7	7	63
126	Why do obese patients not lose more weight when treated with low-calorie diets? A mechanistic perspective. <i>American Journal of Clinical Nutrition</i> , 2007 , 85, 346-54	7	163
125	Conjugated linoleic acid supplementation alters the 6-mo change in fat oxidation during sleep. <i>American Journal of Clinical Nutrition</i> , 2007 , 86, 797-804	7	28
124	Influences of calorie restriction and age on energy expenditure in the rhesus monkey. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2007 , 292, E101-6	6	19
123	Exercise increases the proportion of fat utilization during short-term consumption of a high-fat diet. <i>American Journal of Clinical Nutrition</i> , 2007 , 85, 109-16	7	30
122	The role of conjugated linoleic acid in reducing body fat and preventing holiday weight gain. <i>International Journal of Obesity</i> , 2007 , 31, 481-7	5.5	85
121	Bioelectrical impedance vs. four-compartment model to assess body fat change in overweight adults. <i>Obesity</i> , 2007 , 15, 85-92	8	18
120	Making indirect calorimetry a gold standard for predicting energy requirements for institutionalized patients. <i>Journal of the American Dietetic Association</i> , 2007 , 107, 390-2		30
119	Are dietary restraint scales valid measures of moderate- to long-term dietary restriction? Objective biological and behavioral data suggest not. <i>Psychological Assessment</i> , 2007 , 19, 449-58	5.3	127
118	Efficacy of conjugated linoleic acid for reducing fat mass: a meta-analysis in humans. <i>American Journal of Clinical Nutrition</i> , 2007 , 85, 1203-11	7	222
117	Daily activity energy expenditure and mortality among older adults. <i>JAMA - Journal of the American Medical Association</i> , 2006 , 296, 171-9	27.4	395

116	Effect of physical inactivity on the oxidation of saturated and monounsaturated dietary Fatty acids: results of a randomized trial. <i>PLOS Clinical Trials</i> , 2006 , 1, e27		62
115	The financial reality of overeating. <i>Journal of the American College of Nutrition</i> , 2006 , 25, 203-9	3.5	11
114	Calculation of energy expenditure in women using the MET system. <i>Medicine and Science in Sports and Exercise</i> , 2006 , 38, 1520-5	1.2	5
113	Estimates of body fat in children by Hologic QDR-2000 and QDR-4500A dual-energy X-ray absorptiometers compared with deuterium dilution. <i>Journal of Pediatric Gastroenterology and Nutrition</i> , 2006 , 42, 331-5	2.8	17
112	The effects of exercise on the storage and oxidation of dietary fat. <i>Sports Medicine</i> , 2005 , 35, 363-73	10.6	37
111	QDR 4500A dual-energy X-ray absorptiometer underestimates fat mass in comparison with criterion methods in adults. <i>American Journal of Clinical Nutrition</i> , 2005 , 81, 1018-25	7	195
110	Sustained increase in dietary oleic acid oxidation following morning exercise. <i>International Journal of Obesity</i> , 2005 , 29, 100-7	5.5	15
109	Assessment of nutritional status in rhesus monkeys: comparison of dual-energy X-ray absorptiometry and stable isotope dilution. <i>Journal of Medical Primatology</i> , 2005 , 34, 130-8	0.7	15
108	Energetics of obesity and weight control: does diet composition matter?. <i>Journal of the American Dietetic Association</i> , 2005 , 105, S24-8		65
107	Reference body composition in adult rhesus monkeys: glucoregulatory and anthropometric indices. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2005 , 60, 1518-24	6.4	18
106	Validation of deuterium-labeled fatty acids for the measurement of dietary fat oxidation during physical activity. <i>Journal of Lipid Research</i> , 2004 , 45, 2339-44	6.3	18
105	The validity of bioelectrical impedance models in clinical populations. <i>Nutrition in Clinical Practice</i> , 2004 , 19, 433-46	3.6	142
104	Energy requirements in the eighth decade of life. <i>American Journal of Clinical Nutrition</i> , 2004 , 79, 303-107		69
103	Is a calorie a calorie?. <i>American Journal of Clinical Nutrition</i> , 2004 , 79, 899S-906S	7	142
102	The effect of dehydration on wrestling minimum weight assessment. <i>Medicine and Science in Sports and Exercise</i> , 2004 , 36, 160-7	1.2	30
101	Hydration testing in collegiate wrestlers undergoing hypertonic dehydration. <i>Medicine and Science in Sports and Exercise</i> , 2004 , 36, 510-7	1.2	50
100	Minimum weight prediction methods cross-validated by the four-component model. <i>Medicine and Science in Sports and Exercise</i> , 2004 , 36, 639-47	1.2	32
99	Water turnover in 458 American adults 40-79 yr of age. <i>American Journal of Physiology - Renal Physiology</i> , 2004 , 286, F394-401	4.3	85

98	Energy expenditure of rhesus monkeys subjected to 11 years of dietary restriction. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2003 , 88, 16-23	5.6	107
97	Development of bioelectrical impedance analysis prediction equations for body composition with the use of a multicomponent model for use in epidemiologic surveys. <i>American Journal of Clinical Nutrition</i> , 2003 , 77, 331-40	7	428
96	But how much physical activity?. <i>American Journal of Clinical Nutrition</i> , 2003 , 78, 669-70	7	15
95	Comparison of the effectiveness of 2 dual-energy X-ray absorptiometers with that of total body water and computed tomography in assessing changes in body composition during weight change. <i>American Journal of Clinical Nutrition</i> , 2003 , 77, 356-63	7	49
94	Measurement of nutritional status in simulated microgravity by bioelectrical impedance spectroscopy. <i>Journal of Applied Physiology</i> , 2003 , 95, 225-32	3.7	11
93	A festschrift for Roland L. Weinsier: nutrition scientist, educator, and clinician. <i>Obesity</i> , 2003 , 11, 1246-62		5
92	Prior exercise increases dietary oleate, but not palmitate oxidation. <i>Obesity</i> , 2003 , 11, 1509-18		29
91	Precision of the doubly labeled water method in a large-scale application: evaluation of a streamlined-dosing protocol in the Observing Protein and Energy Nutrition (OPEN) study. <i>European Journal of Clinical Nutrition</i> , 2003 , 57, 1370-7	5.2	57
90	A comparison of a food frequency questionnaire with a 24-hour recall for use in an epidemiological cohort study: results from the biomarker-based Observing Protein and Energy Nutrition (OPEN) study. <i>International Journal of Epidemiology</i> , 2003 , 32, 1054-62	7.8	316
89	Using intake biomarkers to evaluate the extent of dietary misreporting in a large sample of adults: the OPEN study. <i>American Journal of Epidemiology</i> , 2003 , 158, 1-13	3.8	714
88	Structure of dietary measurement error: results of the OPEN biomarker study. <i>American Journal of Epidemiology</i> , 2003 , 158, 14-21; discussion 22-6	3.8	579
87	Activity energy expenditure and adiposity among black adults in Nigeria and the United States. <i>American Journal of Clinical Nutrition</i> , 2002 , 75, 1045-50	7	38
86	Influence of delayed isotopic equilibration in urine on the accuracy of the (2)H(2)(18)O method in the elderly. <i>Journal of Applied Physiology</i> , 2002 , 92, 1036-44	3.7	51
85	Pattern and cost of weight gain in previously obese women. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002 , 282, E923-30	6	22
84	Prior exercise increases subsequent utilization of dietary fat. <i>Medicine and Science in Sports and Exercise</i> , 2002 , 34, 1757-65	1.2	35
83	Determinants of the energy costs of light activities: inferences for interpreting doubly labeled water data. <i>International Journal of Obesity</i> , 2002 , 26, 97-101	5.5	54
82	Validation of habitual energy intake. <i>Public Health Nutrition</i> , 2002 , 5, 883-8	3.3	67
81	The importance of clinical research: the role of thermogenesis in human obesity. <i>American Journal of Clinical Nutrition</i> , 2001 , 73, 511-6	7	42

80	Validation of deuterium labeled fatty acids for the measurement of dietary fat oxidation: a method for measuring fat-oxidation in free-living subjects. <i>International Journal of Obesity</i> , 2001 , 25, 1240-5	5.5	41
79	Evaluation of dietary assessment instruments against doubly labeled water, a biomarker of habitual energy intake. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001 , 281, E891-96	6	327
78	Natural abundance deuterium and 18-oxygen effects on the precision of the doubly labeled water method. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2001 , 280, E965-72	6	17
77	Bioelectrical impedance analysis. What does it measure?. <i>Annals of the New York Academy of Sciences</i> , 2000 , 904, 159-62	6.5	35
76	Bioelectrical impedance analysis prediction equations differ between African Americans and Caucasians, but it is not clear why. <i>Annals of the New York Academy of Sciences</i> , 2000 , 904, 225-6	6.5	19
75	Use of an automated chromium reduction system for hydrogen isotope ratio analysis of physiological fluids applied to doubly labeled water analysis. <i>Journal of Mass Spectrometry</i> , 2000 , 35, 1128-32	2.2	83
74	De novo lipogenesis in adipose tissue of lean and obese women: application of deuterated water and isotope ratio mass spectrometry. <i>International Journal of Obesity</i> , 2000 , 24, 932-7	5.5	43
73	The role of exercise in the treatment of obesity. <i>Nutrition</i> , 2000 , 16, 179-88	4.8	100
72	Twenty-four-hour leptin levels respond to cumulative short-term energy imbalance and predict subsequent intake. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2000 , 85, 2685-91	5.6	100
71	Energy intake, not energy output, is a determinant of body size in infants. <i>American Journal of Clinical Nutrition</i> , 1999 , 69, 524-30	7	146
70	Single- and multifrequency models for bioelectrical impedance analysis of body water compartments. <i>Journal of Applied Physiology</i> , 1999 , 87, 1087-96	3.7	177
69	Bioelectrical impedance methods in clinical research: a follow-up to the NIH Technology Assessment Conference. <i>Nutrition</i> , 1999 , 15, 874-80	4.8	140
68	Isotope Fractionation: Why Aren't We What We Eat?. <i>Journal of Archaeological Science</i> , 1999 , 26, 667-673	2.9	124
67	Recent advances from application of doubly labeled water to measurement of human energy expenditure. <i>Journal of Nutrition</i> , 1999 , 129, 1765-8	4.1	153
66	Balancing energy expenditure and body weight. <i>American Journal of Clinical Nutrition</i> , 1998 , 68, 956S-961S	5	52
65	Relation between body mass index and body fat in black population samples from Nigeria, Jamaica, and the United States. <i>American Journal of Epidemiology</i> , 1997 , 145, 620-8	3.8	148
64	Comparison of ground-based and space flight energy expenditure and water turnover in middle-aged healthy male US astronauts. <i>American Journal of Clinical Nutrition</i> , 1997 , 65, 4-12	7	71
63	How much physical activity is needed to minimize weight gain in previously obese women?. <i>American Journal of Clinical Nutrition</i> , 1997 , 66, 551-6	7	259

62	Adaptation of the doubly labeled water method for subjects consuming isotopically enriched water. <i>Journal of Applied Physiology</i> , 1997 , 82, 563-70	3.7	27
61	Rapid 18O analysis of CO2 samples by continuous-flow isotope ratio mass spectrometry. <i>Journal of Mass Spectrometry</i> , 1997 , 32, 1332-6	2.2	38
60	Entrainment of the diurnal rhythm of plasma leptin to meal timing. <i>Journal of Clinical Investigation</i> , 1997 , 100, 1882-7	15.9	301
59	Clinical characteristics influencing bioelectrical impedance analysis measurements. <i>American Journal of Clinical Nutrition</i> , 1996 , 64, 423S-427S	7	199
58	Nutrient intake and obesity in prepubescent children with Down syndrome. <i>Journal of the American Dietetic Association</i> , 1996 , 96, 1262-7		68
57	Update: NIH consensus conference. Bioelectrical impedance analysis for the measurement of human body composition: where do we stand and what is the next step?. <i>Nutrition</i> , 1996 , 12, 760-2	4.8	8
56	Increased rates of obesity among African Americans confirmed, but the question of why remains unanswered. <i>Ethnicity and Health</i> , 1996 , 1, 313-5	2.2	4
55	Reliability of the doubly labeled water method for the measurement of total daily energy expenditure in free-living subjects. <i>Journal of Nutrition</i> , 1996 , 126, 348S-354S	4.1	70
54	Limitations in the assessment of dietary energy intake by self-report. <i>Metabolism: Clinical and Experimental</i> , 1995 , 44, 18-22	12.7	315
53	Measurement of physical activity among black and white obese women. <i>Obesity</i> , 1995 , 3 Suppl 2, 261s-265s		40
52	Analytic requirements for the doubly labeled water method. <i>Obesity</i> , 1995 , 3 Suppl 1, 15-20		27
51	Effects of aerobic exercise and dietary carbohydrate on energy expenditure and body composition during weight reduction in obese women. <i>American Journal of Clinical Nutrition</i> , 1995 , 61, 486-94	7	73
50	Comparison of heart rate and physical activity recall with doubly labeled water in obese women. <i>Medicine and Science in Sports and Exercise</i> , 1995 , 27, 126-33	1.2	15
49	Relative dilution spaces of 2H- and 18O-labeled water in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1994 , 267, E585-90	6	148
48	Bioimpedance analysis of total body water in hemodialysis patients. <i>Kidney International</i> , 1994 , 46, 1438-42	4.9	74
47	Metabolic differences in response to a high-fat vs. a high-carbohydrate diet. <i>Obesity</i> , 1994 , 2, 348-54		23
46	A compilation of total daily energy expenditures and body weights in healthy adults. <i>American Journal of Clinical Nutrition</i> , 1994 , 60, 676-81	7	127
45	Energy expenditure in children with Down syndrome: correcting metabolic rate for movement. <i>Journal of Pediatrics</i> , 1994 , 125, 829-38	3.6	19

44	Errors in estimating peritoneal fluid by bioelectrical impedance analysis and total body electrical conductivity. <i>Journal of the American College of Nutrition</i> , 1993 , 12, 66-72	3.5	31
43	Body size and fatness of free-living baboons reflect food availability and activity levels. <i>American Journal of Primatology</i> , 1993 , 30, 149-161	2.5	161
42	Is the impedance index (ht ² /R) significant in predicting total body water?. <i>American Journal of Clinical Nutrition</i> , 1992 , 56, 835-9	7	291
41	Comparison of two bioelectrical impedance analysis models for total body water measurement in children. <i>Annals of Human Biology</i> , 1992 , 19, 603-7	1.7	39
40	Body composition and energy expenditure in adolescents with cerebral palsy or myelodysplasia. <i>Pediatric Research</i> , 1991 , 29, 70-7	3.2	140
39	Human energy metabolism: what have we learned from the doubly labeled water method?. <i>Annual Review of Nutrition</i> , 1991 , 11, 355-73	9.9	74
38	Total daily energy expenditure and activity level in anorexia nervosa. <i>American Journal of Clinical Nutrition</i> , 1991 , 53, 1143-50	7	134
37	Reply to LCPGM de Groot et al. <i>American Journal of Clinical Nutrition</i> , 1991 , 53, 1504-1505	7	1
36	How accurate is self-reported dietary energy intake?. <i>Nutrition Reviews</i> , 1990 , 48, 373-9	6.4	375
35	A review of field techniques for the assessment of energy expenditure. <i>Journal of Nutrition</i> , 1990 , 120 Suppl 11, 1492-5	4.1	30
34	Validity of reported energy intake in obese and nonobese adolescents. <i>American Journal of Clinical Nutrition</i> , 1990 , 52, 421-5	7	531
33	Validation of bioelectrical-impedance analysis as a measurement of change in body composition in obesity. <i>American Journal of Clinical Nutrition</i> , 1990 , 52, 219-23	7	141
32	Total body water measured by 18-O dilution and bioelectrical impedance in well and malnourished children. <i>Pediatric Research</i> , 1990 , 27, 98-102	3.2	80
31	Energy expenditure in obese and nonobese adolescents. <i>Pediatric Research</i> , 1990 , 27, 198-203	3.2	218
30	Inaccuracies in self-reported intake identified by comparison with the doubly labelled water method. <i>Canadian Journal of Physiology and Pharmacology</i> , 1990 , 68, 941-9	2.4	198
29	Evidence for diurnal periodicity in human cholesterol synthesis. <i>Journal of Lipid Research</i> , 1990 , 31, 667-73	3.3	108
28	Field use of D2 18O to measure energy expenditure of soldiers at different energy intakes. <i>Journal of Applied Physiology</i> , 1989 , 67, 1922-9	3.7	116
27	Fatty acid chain shortening in humans. <i>American Journal of Clinical Nutrition</i> , 1989 , 50, 1473-4	7	1

26	Sleep deprivation in the rat: V. Energy use and mediation. <i>Sleep</i> , 1989 , 12, 31-41	1.1	165
25	Changes in total body water with age. <i>American Journal of Clinical Nutrition</i> , 1989 , 50, 1176-81; discussion 1231-5	7	159
24	Energy expenditure and body composition in Prader-Willi syndrome. <i>Metabolism: Clinical and Experimental</i> , 1988 , 37, 115-20	12.7	131
23	Polyunsaturated:saturated ratio of diet fat influences energy substrate utilization in the human. <i>Metabolism: Clinical and Experimental</i> , 1988 , 37, 145-51	12.7	132
22	Energy requirements of obese children and young adults. <i>Proceedings of the Nutrition Society</i> , 1988 , 47, 241-6	2.9	6
21	Measurement of energy expenditure in free-living humans by using doubly labeled water. <i>Journal of Nutrition</i> , 1988 , 118, 1278-89	4.1	397
20	Validation of doubly labeled water for assessing energy expenditure in infants. <i>Pediatric Research</i> , 1987 , 21, 242-6	3.2	111
19	Estimation of total body water by bioelectrical impedance analysis. <i>American Journal of Clinical Nutrition</i> , 1986 , 44, 417-24	7	574
18	Validation of doubly labeled water for measuring energy expenditure during parenteral nutrition. <i>American Journal of Clinical Nutrition</i> , 1986 , 44, 291-8	7	49
17	Energy expenditure by doubly labeled water: validation in humans and proposed calculation. <i>American Journal of Physiology - Regulatory Integrative and Comparative Physiology</i> , 1986 , 250, R823-30	3.2	217
16	Disposal of blood [1-13C]lactate in humans during rest and exercise. <i>Journal of Applied Physiology</i> , 1986 , 60, 232-41	3.7	151
15	Five-day comparison of the doubly labeled water method with respiratory gas exchange. <i>American Journal of Clinical Nutrition</i> , 1984 , 40, 153-8	7	104
14	Energy expenditure from doubly labeled water: some fundamental considerations in humans. <i>American Journal of Clinical Nutrition</i> , 1983 , 38, 999-1005	7	152
13	The aminopyrine breath test and serum bile acids reflect histologic severity in chronic hepatitis. <i>Hepatology</i> , 1982 , 2, 317-22	11.2	67
12	Comparison of different methods expressing results of the aminopyrine breath test. <i>Hepatology</i> , 1982 , 2, 455-62	11.2	33
11	The caffeine CO ₂ breath test: dose response and route of N-demethylation in smokers and nonsmokers. <i>Clinical Pharmacology and Therapeutics</i> , 1982 , 32, 261-9	6.1	109
10	Measurement of energy expenditure in humans by doubly labeled water method. <i>Journal of Applied Physiology</i> , 1982 , 53, 955-9	3.7	415
9	Pulse injection, 13C tracer studies of lactate metabolism in humans during rest and two levels of exercise. <i>Biomedical Mass Spectrometry</i> , 1982 , 9, 310-4		21

8	Geographical variations in the carbon isotope composition of the diet and hair in contemporary man. <i>Biomedical Mass Spectrometry</i> , 1982 , 9, 390-4		154
7	¹³ C abundances of nutrients and the effect of variations in ¹³ C isotopic abundances of test meals formulated for ¹³ CO ₂ breath tests. <i>American Journal of Clinical Nutrition</i> , 1980 , 33, 2375-85	7	200
6	Total body water measurement in humans with ¹⁸ O and ² H labeled water. <i>American Journal of Clinical Nutrition</i> , 1980 , 33, 2686-93	7	561
5	Model for determining the influence of instrumental variations on the long-term precision of isotope dilution analyses. <i>Biological Mass Spectrometry</i> , 1980 , 7, 457-463		15
4	Computer controlled ion counting isotope ratio mass spectrometer. <i>Analytical Chemistry</i> , 1975 , 47, 408-415		28
3	Limits of detection of carbon-13 labelled drugs and their metabolites in human urine. <i>Biological Mass Spectrometry</i> , 1974 , 1, 345-9		23
2	Wax-bound lead dioxide potentiometric electrode and applications to chelometric titration. <i>Analytical Chemistry</i> , 1972 , 44, 1152-1158	7.8	5
1	Overflowing tables: Changes in the energy intake and the social context of Thanksgiving in the United States. <i>Historical Methods</i> , 1-15	0.9	