

Dale A Schoeller

List of Publications by Year in descending order

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230
papers

24,564
citations

5558

82
h-index

7718

150
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233
all docs

233
docs citations

233
times ranked

18449
citing authors

#	ARTICLE	IF	CITATIONS
1	Using Intake Biomarkers to Evaluate the Extent of Dietary Misreporting in a Large Sample of Adults: The OPEN Study. American Journal of Epidemiology, 2003, 158, 1-13.	1.6	856
2	Structure of Dietary Measurement Error: Results of the OPEN Biomarker Study. American Journal of Epidemiology, 2003, 158, 14-21.	1.6	704
3	Estimation of total body water by bioelectrical impedance analysis. American Journal of Clinical Nutrition, 1986, 44, 417-424.	2.2	666
4	Total body water measurement in humans with ^{18}O and ^2H labeled water. American Journal of Clinical Nutrition, 1980, 33, 2686-2693.	2.2	634
5	Sleep curtailment is accompanied by increased intake of calories from snacks. American Journal of Clinical Nutrition, 2009, 89, 126-133.	2.2	617
6	Validity of reported energy intake in obese and nonobese adolescents. American Journal of Clinical Nutrition, 1990, 52, 421-425.	2.2	580
7	Development of bioelectrical impedance analysis prediction equations for body composition with the use of a multicomponent model for use in epidemiologic surveys. American Journal of Clinical Nutrition, 2003, 77, 331-340.	2.2	536
8	Energy balance and its components: implications for body weight regulation. American Journal of Clinical Nutrition, 2012, 95, 989-994.	2.2	509
9	Measurement of energy expenditure in humans by doubly labeled water method. Journal of Applied Physiology, 1982, 53, 955-959.	1.2	504
10	Daily Activity Energy Expenditure and Mortality Among Older Adults. JAMA - Journal of the American Medical Association, 2006, 296, 171.	3.8	483
11	Measurement of Energy Expenditure in Free-Living Humans by Using Doubly Labeled Water. Journal of Nutrition, 1988, 118, 1278-1289.	1.3	468
12	How Accurate Is Self-Reported Dietary Energy Intake?. Nutrition Reviews, 1990, 48, 373-379.	2.6	460
13	Evaluation of dietary assessment instruments against doubly labeled water, a biomarker of habitual energy intake. American Journal of Physiology - Endocrinology and Metabolism, 2001, 281, E891-E899.	1.8	386
14	Limitations in the assessment of dietary energy intake by self-report. Metabolism: Clinical and Experimental, 1995, 44, 18-22.	1.5	378
15	Entrainment of the diurnal rhythm of plasma leptin to meal timing.. Journal of Clinical Investigation, 1997, 100, 1882-1887.	3.9	365
16	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. International Journal of Epidemiology, 2003, 32, 1054-1062.	0.9	353
17	Is the Impedance index (ht^2/R) significant in predicting total body water?. American Journal of Clinical Nutrition, 1992, 56, 835-839.	2.2	339
18	Insufficient Sleep Undermines Dietary Efforts to Reduce Adiposity. Annals of Internal Medicine, 2010, 153, 435.	2.0	318

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19	Energy expenditure by doubly labeled water: validation in humans and proposed calculation. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 1986, 250, R823-R830.	0.9	313
20	Use of Recovery Biomarkers to Calibrate Nutrient Consumption Self-Reports in the Women's Health Initiative. American Journal of Epidemiology, 2008, 167, 1247-1259.	1.6	312
21	How much physical activity is needed to minimize weight gain in previously obese women?. American Journal of Clinical Nutrition, 1997, 66, 551-556.	2.2	308
22	Evaluation and Comparison of Food Records, Recalls, and Frequencies for Energy and Protein Assessment by Using Recovery Biomarkers. American Journal of Epidemiology, 2011, 174, 591-603.	1.6	277
23	Energy Expenditure in Obese and Nonobese Adolescents. Pediatric Research, 1990, 27, 198-202.	1.1	265
24	Efficacy of conjugated linoleic acid for reducing fat mass: a meta-analysis in humans. American Journal of Clinical Nutrition, 2007, 85, 1203-1211.	2.2	264
25	Clinical characteristics influencing bioelectrical impedance analysis measurements. American Journal of Clinical Nutrition, 1996, 64, 423S-427S.	2.2	256
26	Inaccuracies in self-reported intake identified by comparison with the doubly labelled water method. Canadian Journal of Physiology and Pharmacology, 1990, 68, 941-949.	0.7	244
27	Estimating the changes in energy flux that characterize the rise in obesity prevalence. American Journal of Clinical Nutrition, 2009, 89, 1723-1728.	2.2	244
28	Daily energy expenditure through the human life course. Science, 2021, 373, 808-812.	6.0	234
29	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. American Journal of Clinical Nutrition, 2018, 107, 80-93.	2.2	233
30	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. American Journal of Clinical Nutrition, 1980, 33, 2375-2385.	2.2	226
31	QDR 4500A dual-energy X-ray absorptiometer underestimates fat mass in comparison with criterion methods in adults. American Journal of Clinical Nutrition, 2005, 81, 1018-1025.	2.2	222
32	Constrained Total Energy Expenditure and Metabolic Adaptation to Physical Activity in Adult Humans. Current Biology, 2016, 26, 410-417.	1.8	214
33	Body size and fatness of free-living baboons reflect food availability and activity levels. American Journal of Primatology, 1993, 30, 149-161.	0.8	199
34	Single- and multifrequency models for bioelectrical impedance analysis of body water compartments. Journal of Applied Physiology, 1999, 87, 1087-1096.	1.2	199
35	Metabolic acceleration and the evolution of human brain size and life history. Nature, 2016, 533, 390-392.	13.7	198
36	Why do obese patients not lose more weight when treated with low-calorie diets? A mechanistic perspective. American Journal of Clinical Nutrition, 2007, 85, 346-354.	2.2	195

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37	Comparative Validity of Physical Activity Measures in Older Adults. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 867-876.	0.2	193
38	Recent Advances from Application of Doubly Labeled Water to Measurement of Human Energy Expenditure. <i>Journal of Nutrition</i> , 1999, 129, 1765-1768.	1.3	191
39	Changes in total body water with age. <i>American Journal of Clinical Nutrition</i> , 1989, 50, 1176-1181.	2.2	187
40	Assessing Validity and Reliability of Resting Metabolic Rate in Six Gas Analysis Systems. <i>Journal of the American Dietetic Association</i> , 2009, 109, 128-132.	1.3	185
41	Energy expenditure from doubly labeled water: some fundamental considerations in humans. <i>American Journal of Clinical Nutrition</i> , 1983, 38, 999-1005.	2.2	184
42	Sleep Deprivation in the Rat: V. Energy Use and Mediation. <i>Sleep</i> , 1989, 12, 31-41.	0.6	180
43	Relative dilution spaces of 2H- and 18O-labeled water in humans. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 1994, 267, E585-E590.	1.8	179
44	Body Composition and Energy Expenditure in Adolescents with Cerebral Palsy or Myelodysplasia. <i>Pediatric Research</i> , 1991, 29, 70-77.	1.1	178
45	Bioelectrical impedance methods in clinical research: a follow-up to the NIH technology assessment conference. <i>Nutrition</i> , 1999, 15, 874-880.	1.1	177
46	The Validity of Bioelectrical Impedance Models in Clinical Populations. <i>Nutrition in Clinical Practice</i> , 2004, 19, 433-446.	1.1	175
47	Geographical variations in the carbon isotope composition of the diet and hair in contemporary man. <i>Biomedical Mass Spectrometry</i> , 1982, 9, 390-394.	1.8	170
48	Disposal of blood [1-13C]lactate in humans during rest and exercise. <i>Journal of Applied Physiology</i> , 1986, 60, 232-241.	1.2	170
49	Energy intake, not energy output, is a determinant of body size in infants. <i>American Journal of Clinical Nutrition</i> , 1999, 69, 524-530.	2.2	169
50	Validation of bioelectrical-impedance analysis as a measurement of change in body composition in obesity. <i>American Journal of Clinical Nutrition</i> , 1990, 52, 219-223.	2.2	165
51	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, 620-628.	1.6	165
52	Is a calorie a calorie?. <i>American Journal of Clinical Nutrition</i> , 2004, 79, 899S-906S.	2.2	164
53	Self-reportâ€‘based estimates of energy intake offer an inadequate basis for scientific conclusions. <i>American Journal of Clinical Nutrition</i> , 2013, 97, 1413-1415.	2.2	157
54	Energy expenditure and body composition in Prader-Willi syndrome. <i>Metabolism: Clinical and Experimental</i> , 1988, 37, 115-120.	1.5	150

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55	Isotope Fractionation: Why Aren't We What We Eat?. Journal of Archaeological Science, 1999, 26, 667-673.	1.2	150
56	A compilation of total daily energy expenditures and body weights in healthy adults. American Journal of Clinical Nutrition, 1994, 60, 676-681.	2.2	148
57	Polyunsaturated: Saturated ratio of diet fat influences energy substrate utilization in the human. Metabolism: Clinical and Experimental, 1988, 37, 145-151.	1.5	147
58	Total daily energy expenditure and activity level in anorexia nervosa. American Journal of Clinical Nutrition, 1991, 53, 1143-1150.	2.2	145
59	Are dietary restraint scales valid measures of moderate- to long-term dietary restriction? Objective biological and behavioral data suggest not.. Psychological Assessment, 2007, 19, 449-458.	1.2	137
60	Five-day comparison of the doubly labeled water method with respiratory gas exchange. American Journal of Clinical Nutrition, 1984, 40, 153-158.	2.2	131
61	Field use of D2 18O to measure energy expenditure of soldiers at different energy intakes. Journal of Applied Physiology, 1989, 67, 1922-1929.	1.2	126
62	Validation of Doubly Labeled Water for Assessing Energy Expenditure in Infants. Pediatric Research, 1987, 21, 242-246.	1.1	125
63	Energy Expenditure of Rhesus Monkeys Subjected to 11 Years of Dietary Restriction. Journal of Clinical Endocrinology and Metabolism, 2003, 88, 16-23.	1.8	120
64	Evidence for diurnal periodicity in human cholesterol synthesis. Journal of Lipid Research, 1990, 31, 667-73.	2.0	118
65	Traditional Self-Reported Dietary Instruments Are Prone to Inaccuracies and New Approaches Are Needed. Frontiers in Nutrition, 2020, 7, 90.	1.6	117
66	The caffeine CO2 breath test: Dose response and route of N-demethylation in smokers and nonsmokers. Clinical Pharmacology and Therapeutics, 1982, 32, 261-269.	2.3	114
67	The role of exercise in the treatment of obesity. Nutrition, 2000, 16, 179-188.	1.1	114
68	Twenty-Four-Hour Leptin Levels Respond to Cumulative Short-Term Energy Imbalance and Predict Subsequent Intake1. Journal of Clinical Endocrinology and Metabolism, 2000, 85, 2685-2691.	1.8	111
69	School Gardens Enhance Academic Performance and Dietary Outcomes in Children. Journal of School Health, 2015, 85, 508-518.	0.8	106
70	Water turnover in 458 American adults 40-79 yr of age. American Journal of Physiology - Renal Physiology, 2004, 286, F394-F401.	1.3	105
71	The role of conjugated linoleic acid in reducing body fat and preventing holiday weight gain. International Journal of Obesity, 2007, 31, 481-487.	1.6	104
72	Home Food Availability, Parental Dietary Intake, and Familial Eating Habits Influence the Diet Quality of Urban Hispanic Children. Childhood Obesity, 2014, 10, 408-415.	0.8	101

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73	A simple model predicting individual weight change in humans. <i>Journal of Biological Dynamics</i> , 2011, 5, 579-599.	0.8	99
74	Effect of conjugated linoleic acid on body fat accretion in overweight or obese children. <i>American Journal of Clinical Nutrition</i> , 2010, 91, 1157-1164.	2.2	97
75	Bioimpedance analysis of total body water in hemodialysis patients. <i>Kidney International</i> , 1994, 46, 1438-1442.	2.6	93
76	Total Body Water Measured by ¹⁸ O Dilution and Bioelectrical Impedance in Well and Malnourished Children. <i>Pediatric Research</i> , 1990, 27, 98-102.	1.1	90
77	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, 1128-1132.	0.7	90
78	Physical Inactivity Differentially Alters Dietary Oleate and Palmitate Trafficking. <i>Diabetes</i> , 2009, 58, 367-376.	0.3	90
79	A computational model to determine energy intake during weight loss. <i>American Journal of Clinical Nutrition</i> , 2010, 92, 1326-1331.	2.2	89
80	Human Energy Metabolism: What Have We Learned from the Doubly Labeled Water Method?. <i>Annual Review of Nutrition</i> , 1991, 11, 355-373.	4.3	88
81	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, 486-494.	2.2	87
82	Comparison of self-reported and measured metabolizable energy intake with total energy expenditure in overweight teens. <i>American Journal of Clinical Nutrition</i> , 2009, 89, 1744-1750.	2.2	86
83	Nutrient Intake and Obesity in Prepubescent Children with Down Syndrome. <i>Journal of the American Dietetic Association</i> , 1996, 96, 1262-1267.	1.3	84
84	Energy requirements in the eighth decade of life. <i>American Journal of Clinical Nutrition</i> , 2004, 79, 303-310.	2.2	83
85	Calcium and Dairy Product Modulation of Lipid Utilization and Energy Expenditure. <i>Obesity</i> , 2008, 16, 1566-1572.	1.5	83
86	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.	2.2	82
87	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, 1763-1771.	1.2	81
88	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.	2.2	80
89	Validation of habitual energy intake. <i>Public Health Nutrition</i> , 2002, 5, 883-888.	1.1	79
90	Environment and Obesity in the National Children's Study. <i>Environmental Health Perspectives</i> , 2009, 117, 159-166.	2.8	79

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91	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, 128-147.	5.3	79
92	The effect of holiday weight gain on body weight. <i>Physiology and Behavior</i> , 2014, 134, 66-69.	1.0	79
93	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.	1.3	77
94	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.	3.5	74
95	Energetics of Obesity and Weight Control: Does Diet Composition Matter?. <i>Journal of the American Dietetic Association</i> , 2005, 105, 24-28.	1.3	73
96	Total daily energy expenditure among middle-aged men and women: the OPEN Study. <i>American Journal of Clinical Nutrition</i> , 2007, 86, 382-387.	2.2	72
97	The Aminopyrine Breath Test and Serum Bile Acids Reflect Histologic Severity in Chronic Hepatitis. <i>Hepatology</i> , 2007, 2, 317S-322S.	3.6	72
98	Balancing energy expenditure and body weight. <i>American Journal of Clinical Nutrition</i> , 1998, 68, 956S-961S.	2.2	64
99	Energy compensation and adiposity in humans. <i>Current Biology</i> , 2021, 31, 4659-4666.e2.	1.8	63
100	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, glw225.	1.7	62
101	A standard calculation methodology for human doubly labeled water studies. <i>Cell Reports Medicine</i> , 2021, 2, 100203.	3.3	62
102	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.	1.6	60
103	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, 1370-1377.	1.3	60
104	Validation of doubly labeled water for measuring energy expenditure during parenteral nutrition. <i>American Journal of Clinical Nutrition</i> , 1986, 44, 291-298.	2.2	59
105	Influence of delayed isotopic equilibration in urine on the accuracy of the ^{2}H ^{18}O method in the elderly. <i>Journal of Applied Physiology</i> , 2002, 92, 1036-1044.	1.2	57
106	Hydration Testing in Collegiate Wrestlers Undergoing Hypertonic Dehydration. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, 510-517.	0.2	57
107	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, 356-363.	2.2	56
108	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.	1.2	56

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109	Effect of Sleep Extension on Objectively Assessed Energy Intake Among Adults With Overweight in Real-life Settings. <i>JAMA Internal Medicine</i> , 2022, 182, 365.	2.6	56
110	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, 1226-1235.	1.2	55
111	The energy balance equation: looking back and looking forward are two very different views. <i>Nutrition Reviews</i> , 2009, 67, 249-254.	2.6	54
112	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, 1045-1053.	1.8	53
113	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, 932-937.	1.6	50
114	Energy expenditure does not predict weight change in either Nigerian or African American women. <i>American Journal of Clinical Nutrition</i> , 2009, 89, 169-176.	2.2	50
115	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.	1.7	50
116	Comparison of two bioelectrical impedance analysis models for total body water measurement in children. <i>Annals of Human Biology</i> , 1992, 19, 603-607.	0.4	49
117	The importance of clinical research: the role of thermogenesis in human obesity. <i>American Journal of Clinical Nutrition</i> , 2001, 73, 511-516.	2.2	48
118	Computer controlled ion counting isotope ratio mass spectrometer. <i>Analytical Chemistry</i> , 1975, 47, 408-415.	3.2	47
119	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.	2.2	47
120	Measurement of Physical Activity Among Black and White Obese Women. <i>Obesity</i> , 1995, 3, 261s-265s.	4.0	46
121	Rapid ¹⁸ O analysis of CO ₂ samples by continuous-flow isotope ratio mass spectrometry. , 1997, 32, 1332-1336.		45
122	Doubly labeled water analysis using cavity ring-down spectroscopy. <i>Rapid Communications in Mass Spectrometry</i> , 2011, 25, 3-8.	0.7	45
123	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, 1240-1245.	1.6	44
124	Bioelectrical Impedance Analysis What Does It Measure?. <i>Annals of the New York Academy of Sciences</i> , 2006, 904, 159-162.	1.8	44
125	Energy intake and energy expenditure among children with polymorphisms of the melanocortin-3 receptor. <i>American Journal of Clinical Nutrition</i> , 2009, 90, 912-920.	2.2	44
126	The Effects of Exercise on the Storage and Oxidation of Dietary Fat. <i>Sports Medicine</i> , 2005, 35, 363-373.	3.1	43

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127	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, 333-337.	1.3	41
128	Longitudinal change in energy expenditure and effects on energy requirements of the elderly. <i>Nutrition Journal</i> , 2013, 12, 73.	1.5	41
129	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.	1.5	41
130	Activity energy expenditure and adiposity among black adults in Nigeria and the United States. <i>American Journal of Clinical Nutrition</i> , 2002, 75, 1045-1050.	2.2	40
131	Insights into energy balance from doubly labeled water. <i>International Journal of Obesity</i> , 2008, 32, S72-S75.	1.6	40
132	Under-reporting of dietary energy intake in five populations of the African diaspora. <i>British Journal of Nutrition</i> , 2015, 113, 464-472.	1.2	40
133	Energy Expenditure and Adiposity in Nigerian and African-American Women. <i>Obesity</i> , 2008, 16, 2148-2154.	1.5	39
134	A Review of Field Techniques for the Assessment of Energy Expenditure. <i>Journal of Nutrition</i> , 1990, 120, 1492-1495.	1.3	38
135	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.	1.1	38
136	Prior exercise increases subsequent utilization of dietary fat. <i>Medicine and Science in Sports and Exercise</i> , 2002, 34, 1757-1765.	0.2	38
137	Alterations in energy balance following exenatide administration. <i>Applied Physiology, Nutrition and Metabolism</i> , 2012, 37, 893-899.	0.9	38
138	Analytic Requirements for the Doubly Labeled Water Method. <i>Obesity</i> , 1995, 3, 15-20.	4.0	37
139	Minimum Weight Prediction Methods Cross-Validated by the Four-Component Model. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, 639-647.	0.2	37
140	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, 648-658.	2.2	36
141	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.	1.2	36
142	Comparison of Different Methods of Expressing Results of The Aminopyrine Breath Test. <i>Hepatology</i> , 2007, 2, 455S-462S.	3.6	35
143	Impact of exercise and dietary fatty acid composition from a high-fat diet on markers of hunger and satiety. <i>Appetite</i> , 2011, 56, 171-178.	1.8	35
144	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, 975-978.	0.9	34

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145	Composition of two-week change in body weight under unrestricted free-living conditions. <i>Physiological Reports</i> , 2017, 5, e13336.	0.7	34
146	The Effect of Dehydration on Wrestling Minimum Weight Assessment. <i>Medicine and Science in Sports and Exercise</i> , 2004, 36, 160-167.	0.2	33
147	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, 109-116.	2.2	33
148	Making Indirect Calorimetry a Gold Standard for Predicting Energy Requirements for Institutionalized Patients. <i>Journal of the American Dietetic Association</i> , 2007, 107, 390-392.	1.3	33
149	Effect of contrasted levels of habitual physical activity on metabolic flexibility. <i>Journal of Applied Physiology</i> , 2013, 114, 371-379.	1.2	33
150	Prior Exercise Increases Dietary Oleate, but Not Palmitate Oxidation. <i>Obesity</i> , 2003, 11, 1509-1518.	4.0	30
151	Physical activity and weight control. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , 2011, 14, 419-424.	1.3	30
152	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.	2.2	29
153	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, 726-731.	2.2	29
154	Determining the Accuracy and Reliability of Indirect Calorimeters Utilizing the Methanol Combustion Technique. <i>Nutrition in Clinical Practice</i> , 2018, 33, 206-216.	1.1	29
155	Adaptation of the doubly labeled water method for subjects consuming isotopically enriched water. <i>Journal of Applied Physiology</i> , 1997, 82, 563-570.	1.2	28
156	Dilution space ratio of ^2H and ^{18}O of doubly labeled water method in humans. <i>Journal of Applied Physiology</i> , 2016, 120, 1349-1354.	1.2	27
157	Limits of detection of carbon-13 labelled drugs and their metabolites in human urine. <i>Biological Mass Spectrometry</i> , 1974, 1, 345-349.	0.5	26
158	Pulse injection, ^{13}C tracer studies of lactate metabolism in humans during rest and two levels of exercise. <i>Biomedical Mass Spectrometry</i> , 1982, 9, 310-314.	1.8	26
159	Pattern and cost of weight gain in previously obese women. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2002, 282, E923-E930.	1.8	26
160	Energy expenditure in children with Down syndrome: correcting metabolic rate for movement. <i>Journal of Pediatrics</i> , 1994, 125, 829-38.	0.9	26
161	Metabolic Differences in Response to a High-Fat vs. a High-Carbohydrate Diet. <i>Obesity</i> , 1994, 2, 348-354.	4.0	25
162	Total energy expenditure and body composition of children with developmental disabilities. <i>Disability and Health Journal</i> , 2018, 11, 442-446.	1.6	25

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163	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, 1518-1524.	1.7	24
164	Total energy expenditure measured using doubly labeled water compared with estimated energy requirements in older adults (≥65 y): analysis of primary data. <i>American Journal of Clinical Nutrition</i> , 2019, 110, 1353-1361.	2.2	24
165	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-E106.	1.8	23
166	Comparison of total energy expenditure between school and summer months. <i>Pediatric Obesity</i> , 2013, 8, 404-410.	1.4	23
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