Klaas R Westerterp

List of Publications by Year
in descending order

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350 papers	24,710 citations	4942 84 h-index	10127 140 g-index
353 all docs	353 docs citations	353 times ranked	19288 citing authors

#	Article	IF	Citations
1	How much physical activity is enough to prevent unhealthy weight gain? Outcome of the IASO 1st Stock Conference and consensus statement. Obesity Reviews, 2003, 4, 101-114.	3.1	694
2	Physical Activity Assessment With Accelerometers: An Evaluation Against Doubly Labeled Water. Obesity, 2007, 15, 2371-2379.	1.5	560
3	Energy balance and obesity: what are the main drivers?. Cancer Causes and Control, 2017, 28, 247-258.	0.8	455
4	Undereating and underrecording of habitual food intake in obese men: selective underreporting of fat intake. American Journal of Clinical Nutrition, 2000, 71, 130-134.	2.2	444
5	Dietary Protein, Weight Loss, and Weight Maintenance. Annual Review of Nutrition, 2009, 29, 21-41.	4.3	440
6	Diet induced thermogenesis. Nutrition and Metabolism, 2004, 1, 5.	1.3	362
7	Assessment of physical activity: a critical appraisal. European Journal of Applied Physiology, 2009, 105, 823-828.	1.2	352
8	Physical activity assessed by activity monitor and doubly labeled water in children. Medicine and Science in Sports and Exercise, 2001, 33, 275-281.	0.2	350
9	Assessment of energy expenditure for physical activity using a triaxial accelerometer. Medicine and Science in Sports and Exercise, 1994, 26, 1516???1523.	0.2	338
10	Dietary protein â€“ its role in satiety, energetics, weight loss and health. British Journal of Nutrition, 2012, 108, S105-S112.	1.2	336
11	Satiety related to 24â€...h diet-induced thermogenesis during high protein/carbohydrate vs high fat diets measured in a respiration chamber. European Journal of Clinical Nutrition, 1999, 53, 495-502.	1.3	297
12	Ghrelin and glucagon-like peptide 1 concentrations, 24-h satiety, and energy and substrate metabolism during a high-protein diet and measured in a respiration chamber. American Journal of Clinical Nutrition, 2006, 83, 89-94.	2.2	289
13	Validity of the physical activity scale for the elderly (PASE): According to energy expenditure assessed by the doubly labeled water method. Journal of Clinical Epidemiology, 1997, 50, 541-546.	2.4	273
14	Assessing Physical Activity Using Wearable Monitors. Medicine and Science in Sports and Exercise, 2012, 44, S5-S12.	0.2	266
15	Physical Inactivity and Obesity: A Vicious Circle. Obesity, 2008, 16, 409-414.	1.5	264
16	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
17	Validity of physical activity monitors during daily life in patients with COPD. European Respiratory Journal, 2013, 42, 1205-1215.	3.1	243
18	The Maastricht Protocol for the Measurement of Body Composition and Energy Expenditure with Labeled Water. Obesity, 1995, 3, 49-57.	4.0	241

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19	Daily physical activity assessment with accelerometers: new insights and validation studies. Obesity Reviews, 2013, 14, 451-462.	3.1	236
20	Daily energy expenditure through the human life course. Science, 2021, 373, 808-812.	6.0	234
21	Doubly Labeled Water Validation of three Physical Activity Questionnaires. International Journal of Sports Medicine, 1999, 20, 284-289.	0.8	232
22	The role of high-fat diets and physical activity in the regulation of body weight. British Journal of Nutrition, 2000, 84, 417-427.	1.2	230
23	Use of the doubly labeled water technique in humans during heavy sustained exercise. Journal of Applied Physiology, 1986, 61, 2162-2167.	1.2	224
24	Dose-dependent satiating effect of whey relative to casein or soy. Physiology and Behavior, 2009, 96, 675-682.	1.0	224
25	Validity of the assessment of dietary intake: problems of misreporting. Current Opinion in Clinical Nutrition and Metabolic Care, 2002, 5, 489-493.	1.3	223
26	Ethnic differences in body composition and the associated metabolic profile: A comparative study between Asians and Caucasians. Maturitas, 2010, 65, 315-319.	1.0	221
27	Physical activity energy expenditure has not declined since the 1980s and matches energy expenditures of wild mammals. International Journal of Obesity, 2008, 32, 1256-1263.	1.6	220
28	Study on Food Intake and Energy Expenditure During Extreme Sustained Exercise: The Tour de France. International Journal of Sports Medicine, 1989, 10, S26-S31.	0.8	218
29	Pattern and intensity of physical activity. Nature, 2001, 410, 539-539.	13.7	216
30	Physical activity but not energy expenditure is reduced in obese adolescents: a case-control study,,. American Journal of Clinical Nutrition, 2002, 76, 935-941.	2.2	213
31	Body composition by bioelectrical-impedance analysis compared with deuterium dilution and skinfold anthropometry in patients with chronic obstructive pulmonary disease. American Journal of Clinical Nutrition, 1991, 53, 421-424.	2.2	208
32	A dual-respiration chamber system with automated calibration. Journal of Applied Physiology, 1997, 83, 2064-2072.	1.2	207
33	Physical activity assessment with accelerometers. International Journal of Obesity, 1999, 23, S45-S49.	1.6	207
34	Validation of bioelectrical-impedance measurements as a method to estimate body-water compartments. American Journal of Clinical Nutrition, 1994, 60, 159-166.	2.2	205
35	Why do individuals not lose more weight from an exercise intervention at a defined dose? An energy balance analysis. Obesity Reviews, 2012, 13, 835-847.	3.1	201
36	Diet induced thermogenesis measured over 24h in a respiration chamber: effect of diet composition. International Journal of Obesity, 1999, 23, 287-292.	1.6	191

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37	Detection of Type, Duration, and Intensity of Physical Activity Using an Accelerometer. Medicine and Science in Sports and Exercise, 2009, 41, 1770-1777.	0.2	190
38	Long-term effect of physical activity on energy balance and body composition. British Journal of Nutrition, 1992, 68, 21-30.	1.2	188
39	Daily physical activity assessment: comparison between movement registration and doubly labeled water. Journal of Applied Physiology, 1996, 81, 1019-1026.	1.2	188
40	Physical activity and physical activity induced energy expenditure in humans: measurement, determinants, and effects. Frontiers in Physiology, 2013, 4, 90.	1.3	179
41	Energy intake, physical activity and body weight: a simulation model. British Journal of Nutrition, 1995, 73, 337-347.	1.2	168
42	Improving assessment of daily energy expenditure by identifying types of physical activity with a single accelerometer. Journal of Applied Physiology, 2009, 107, 655-661.	1.2	164
43	Reproducibility, Validity, and Responsiveness to Change of a Short Questionnaire for Measuring Fruit and Vegetable Intake. American Journal of Epidemiology, 2004, 159, 900-909.	1.6	158
44	Appetite at â€œhigh altitudeâ€•[Operation Everest III (Comex-â€™97)]: a simulated ascent of Mount Everest. Journal of Applied Physiology, 1999, 87, 391-399.	1.2	155
45	Total free living energy expenditure in patients with severe chronic obstructive pulmonary disease.. American Journal of Respiratory and Critical Care Medicine, 1997, 155, 549-554.	2.5	154
46	Associations between energy demands, physical activity, and body composition in adult humans between 18 and 96 y of age. American Journal of Clinical Nutrition, 2010, 92, 826-834.	2.2	149
47	Resting energy expenditure in patients with chronic obstructive pulmonary disease. American Journal of Clinical Nutrition, 1991, 54, 983-987.	2.2	146
48	Methods to assess physical activity with special reference to motion sensors and accelerometers. IEEE Transactions on Biomedical Engineering, 1991, 38, 221-229.	2.5	145
49	Changes in fat oxidation in response to a high-fat diet. American Journal of Clinical Nutrition, 1997, 66, 276-282.	2.2	145
50	Seasonal changes in metabolic and temperature responses to cold air in humans. Physiology and Behavior, 2004, 82, 545-553.	1.0	143
51	Control of energy expenditure in humans. European Journal of Clinical Nutrition, 2017, 71, 340-344.	1.3	143
52	Effect of exercise training on total daily physical activity in elderly humans. European Journal of Applied Physiology and Occupational Physiology, 1999, 80, 16-21.	1.2	138
53	Measuring Freeâ€Living Energy Expenditure and Physical Activity with Triaxial Accelerometry. Obesity, 2005, 13, 1363-1369.	4.0	137
54	Total energy expenditure and spontaneous activity in relation to training in obese boys. American Journal of Clinical Nutrition, 1992, 55, 777-782.	2.2	130

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55	Comparison of energy expenditure by the doubly labeled water technique with energy intake, heart rate, and activity recording in man. American Journal of Clinical Nutrition, 1989, 49, 1146-1154.	2.2	128
56	Physical activity in daily life in patients with chronic low back pain. Archives of Physical Medicine and Rehabilitation, 2001, 82, 726-730.	0.5	128
57	Daily physical activity of schoolchildren with spastic diplegia and of healthy control subjects. Journal of Pediatrics, 1995, 127, 578-584.	0.9	126
58	Doubly labelled water assessment of energy expenditure: principle, practice, and promise. European Journal of Applied Physiology, 2017, 117, 1277-1285.	1.2	126
59	Gluconeogenesis and energy expenditure after a high-protein, carbohydrate-free diet. American Journal of Clinical Nutrition, 2009, 90, 519-526.	2.2	122
60	Genetic analysis of physical activity in twins. American Journal of Clinical Nutrition, 2005, 82, 1253-1259.	2.2	121
61	Deuterium dilution as a method for determining total body water: effect of test protocol and sampling time. British Journal of Nutrition, 1994, 72, 491-497.	1.2	118
62	Underreporting of Habitual Food Intake Is Explained by Undereating in Highly Motivated Lean Women. Journal of Nutrition, 1999, 129, 878-882.	1.3	117
63	Physical Activity and Parameters of Aging: A Physiological Perspective. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2001, 56, 7-12.	1.7	117
64	Physical activity, food intake, and body weight regulation: insights from doubly labeled water studies. Nutrition Reviews, 2010, 68, 148-154.	2.6	115
65	Body movement and physical activity energy expenditure in children and adolescents: how to adjust for differences in body size and age. American Journal of Clinical Nutrition, 2004, 79, 851-856.	2.2	112
66	Parental energy expenditure: a proximate cause of helper recruitment in the pied kingfisher (Ceryle) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	0.6	109
67	Relationship between physical activity related energy expenditure and body composition: a gender difference. International Journal of Obesity, 1997, 21, 184-188.	1.6	109
68	Energy balance during an 8-wk energy-restricted diet with and without exercise in obese women. American Journal of Clinical Nutrition, 1995, 62, 722-729.	2.2	108
69	Alterations in energy balance with exercise. American Journal of Clinical Nutrition, 1998, 68, 970S-974S.	2.2	108
70	Weight loss, weight maintenance, and adaptive thermogenesis. American Journal of Clinical Nutrition, 2013, 97, 990-994.	2.2	108
71	Effect of an 18-wk weight-training program on energy expenditure and physical activity. Journal of Applied Physiology, 1997, 82, 298-304.	1.2	102
72	Energy expenditure climbing Mt. Everest. Journal of Applied Physiology, 1992, 73, 1815-1819.	1.2	99

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73	Effect of protein source and quantity on protein metabolism in elderly women. American Journal of Clinical Nutrition, 1998, 68, 1228-1235.	2.2	99
74	Physical activity and human energy expenditure. Current Opinion in Clinical Nutrition and Metabolic Care, 2004, 7, 607-613.	1.3	99
75	Effects of medroxyprogesterone acetate on food intake, body composition, and resting energy expenditure in patients with advanced, nonhormone-sensitive cancer. , 1998, 82, 553-560.		97
76	Comparison of doubly labeled water with respirometry at low- and high-activity levels. Journal of Applied Physiology, 1988, 65, 53-56.	1.2	94
77	Increase in fat oxidation on a high-fat diet is accompanied by an increase in triglyceride-derived fatty acid oxidation. Diabetes, 2000, 49, 640-646.	0.3	94
78	Postprandial responses in hunger and satiety are associated with the rs9939609 single nucleotide polymorphism in FTO. American Journal of Clinical Nutrition, 2009, 90, 1426-1432.	2.2	93
79	Energy balance at high altitude of 6,542 m. Journal of Applied Physiology, 1994, 77, 862-866.	1.2	92
80	Effects of oligofructose on appetite profile, glucagon-like peptide 1 and peptide YY3-36 concentrations and energy intake. British Journal of Nutrition, 2011, 106, 1757-1762.	1.2	91
81	Energy balance in cross-country skiers: a study using doubly labeled water. Medicine and Science in Sports and Exercise, 1994, 26, 720-724.	0.2	90
82	Dietary protein, metabolism, and body-weight regulation: doseâ€“response effects. International Journal of Obesity, 2006, 30, S16-S23.	1.6	89
83	Energy expenditure and substrate metabolism in patients with cirrhosis of the liver: effects of the pattern of food intake.. Gut, 1995, 36, 110-116.	6.1	88
84	Seasonal Variation in Total Energy Expenditure and Physical Activity in Dutch Young Adults. Obesity, 2004, 12, 688-694.	4.0	88
85	Assessment of the physical activity level with two questions: validation with doubly labeled water. International Journal of Obesity, 2008, 32, 1031-1033.	1.6	87
86	The use of bioelectrical impedance analysis to predict total body water in patients with cancer cachexia. American Journal of Clinical Nutrition, 1995, 61, 741-745.	2.2	86
87	A breakfast with alpha-lactalbumin, gelatin, or gelatin+TRP lowers energy intake at lunch compared with a breakfast with casein, soy, whey, or whey-GMP. Clinical Nutrition, 2009, 28, 147-155.	2.3	86
88	Assessment of energy expenditure for physical activity using a triaxial accelerometer. Medicine and Science in Sports and Exercise, 1994, 26, 1516-23.	0.2	85
89	How Rats Economize: Energy Loss in Starvation. Physiological Zoology, 1977, 50, 331-362.	1.5	84
90	Physical inactivity as a determinant of the physical activity level in the elderly. International Journal of Obesity, 2001, 25, 935-939.	1.6	83

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91	The influence of physical activity on BMR. Medicine and Science in Sports and Exercise, 1996, 28, 85-91.	0.2	83
92	Daily physical activity and ageing. Current Opinion in Clinical Nutrition and Metabolic Care, 2000, 3, 485-488.	1.3	79
93	Physical activity as determinant of daily energy expenditure. Physiology and Behavior, 2008, 93, 1039-1043.	1.0	79
94	Sleeping metabolic rate in relation to body composition and the menstrual cycle. American Journal of Clinical Nutrition, 1992, 55, 637-640.	2.2	78
95	Evidence of negative energy balance using doubly labelled water in elite Kenyan endurance runners prior to competition. British Journal of Nutrition, 2006, 95, 59-66.	1.2	78
96	Assessment of physical activity level in relation to obesity: current evidence and research issues. Medicine and Science in Sports and Exercise, 1999, 31, S522.	0.2	78
97	Effects of complete whey-protein breakfasts versus whey without GMP-breakfasts on energy intake and satiety. Appetite, 2009, 52, 388-395.	1.8	77
98	The effect of a 5-month endurance-training programme on physical activity: evidence for a sex-difference in the metabolic response to exercise. European Journal of Applied Physiology and Occupational Physiology, 1991, 62, 11-17.	1.2	76
99	Food quotient, respiratory quotient, and energy balance. American Journal of Clinical Nutrition, 1993, 57, 759S-765S.	2.2	76
100	Enegy expenditure, physical activity and basal metabolic rate of elderly subjects. British Journal of Nutrition, 1995, 73, 571-581.	1.2	76
101	Inaccuracies in food and physical activity diaries of obese subjects: complementary evidence from doubly labeled water and co-twin assessments. International Journal of Obesity, 2010, 34, 437-445.	1.6	76
102	Total daily energy expenditure relative to resting energy expenditure in clinically stable patients with COPD. Thorax, 1997, 52, 780-785.	2.7	75
103	Measurement of the components of nonexercise activity thermogenesis. American Journal of Physiology - Endocrinology and Metabolism, 2001, 281, E670-E675.	1.8	75
104	Energy balance, metabolism, hydration, and performance during strenuous hill walking: the effect of age. Journal of Applied Physiology, 2002, 93, 714-723.	1.2	75
105	Energetics of free existence in swallows and martins (hirundinidae) during breeding: a comparative study using doubly labeled water. Oecologia, 1984, 62, 376-381.	0.9	74
106	Validation of the Tracmor triaxial accelerometer system for walking. Medicine and Science in Sports and Exercise, 2001, 33, 1593-1597.	0.2	74
107	Exercise, energy balance and body composition. European Journal of Clinical Nutrition, 2018, 72, 1246-1250.	1.3	74
108	Intra-individual variation of basal metabolic rate and the influence of daily habitual physical activity before testing. British Journal of Nutrition, 2003, 90, 419-423.	1.2	73

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109	Comparison of the effects of a high- and normal-casein breakfast on satiety, â€˜satietyâ€™ hormones, plasma amino acids and subsequent energy intake. British Journal of Nutrition, 2009, 101, 295-303.	1.2	73
110	Energy expenditure at rest and during sleep in children with Prader-Willi syndrome is explained by body composition. American Journal of Clinical Nutrition, 2000, 71, 752-756.	2.2	70
111	Estimating Activityâ€related Energy Expenditure Under Sedentary Conditions Using a Triâ€axial Seismic Accelerometer. Obesity, 2009, 17, 1287-1292.	1.5	70
112	Advances in physical activity monitoring and lifestyle interventions in obesity: a review. International Journal of Obesity, 2012, 36, 167-177.	1.6	70
113	Obesity and physical activity. International Journal of Obesity, 1999, 23, S59-S64.	1.6	68
114	Seasonal variation in sleeping metabolic rate, thyroid activity, and leptin. American Journal of Physiology - Endocrinology and Metabolism, 2003, 285, E338-E343.	1.8	68
115	Energy utilization and growth in breast-fed and formula-fed infants measured prospectively during the first year of life. American Journal of Clinical Nutrition, 1998, 67, 885-896.	2.2	67
116	Influence of the feeding frequency on nutrient utilization in man: consequences for energy metabolism. European Journal of Clinical Nutrition, 1991, 45, 161-9.	1.3	66
117	Effect of the pattern of food intake on human energy metabolism. British Journal of Nutrition, 1993, 70, 103-115.	1.2	65
118	Effect of variable protein intake on whole-body protein turnover in young men and women. American Journal of Clinical Nutrition, 1995, 61, 69-74.	2.2	65
119	Energy, substrate and protein metabolism in morbid obesity before, during and after massive weight loss. International Journal of Obesity, 2000, 24, 711-718.	1.6	65
120	Use of a triaxial accelerometer to validate reported food intakes. American Journal of Clinical Nutrition, 2001, 73, 549-553.	2.2	64
121	Body mass regulation at altitude. European Journal of Gastroenterology and Hepatology, 2006, 18, 1-3.	0.8	63
122	Physical activity, body composition and bone density in ballet dancers. British Journal of Nutrition, 1995, 74, 439-451.	1.2	62
123	Energy balance in depleted ambulatory patients with chronic obstructive pulmonary disease: the effect of physical activity and oral nutritional supplementation. British Journal of Nutrition, 2003, 89, 725-729.	1.2	62
124	Changes in physical activity over the lifespan: impact on body composition and sarcopenic obesity. Obesity Reviews, 2018, 19, 8-13.	3.1	62
125	A standard calculation methodology for human doubly labeled water studies. Cell Reports Medicine, 2021, 2, 100203.	3.3	62
126	Repeated measurement of habitual food intake increases under-reporting and induces selective under-reporting. British Journal of Nutrition, 2001, 85, 629-634.	1.2	61

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127	Effects of high and normal soyprotein breakfasts on satiety and subsequent energy intake, including amino acid and â€˜satietyâ€™ hormone responses. European Journal of Nutrition, 2009, 48, 92-100.	1.8	61
128	Limits to sustainable human metabolic rate. Journal of Experimental Biology, 2001, 204, 3183-3187.	0.8	61
129	Calcium excretion, apparent calcium absorption and calcium balance in young and elderly subjects: influence of protein intake. British Journal of Nutrition, 1997, 77, 721-729.	1.2	60
130	Validation of an FFQ and options for data processing using the doubly labelled water method in children. Public Health Nutrition, 2011, 14, 410-417.	1.1	60
131	Impacts of vigorous and non-vigorous activity on daily energy expenditure. Proceedings of the Nutrition Society, 2003, 62, 645-650.	0.4	59
132	Physical activity pattern of children assessed by triaxial accelerometry. European Journal of Clinical Nutrition, 2004, 58, 1425-1428.	1.3	59
133	Obesity: lessons from evolution and the environment. Obesity Reviews, 2012, 13, 910-922.	3.1	59
134	Body composition in Prader-Willi syndrome compared with nonsyndromal obesity: Relationship to physical activity and growth hormone function. Journal of Pediatrics, 2001, 139, 708-714.	0.9	58
135	Comparison of 2 diets with either 25% or 10% of energy as casein on energy expenditure, substrate balance, and appetite profile. American Journal of Clinical Nutrition, 2009, 89, 831-838.	2.2	58
136	Water balance and acute mountain sickness before and after arrival at high altitude of 4,350 m. Journal of Applied Physiology, 1996, 80, 1968-1972.	1.2	57
137	Total energy expenditure in infants with bronchopulmonary dysplasia is associated with respiratory status. European Journal of Pediatrics, 1997, 156, 299-304.	1.3	57
138	Operation Everest III: energy and water balance. Pflugers Archiv European Journal of Physiology, 2000, 439, 483-488.	1.3	57
139	Physical activity level measured by doubly labeled water and accelerometry in children. European Journal of Applied Physiology, 2003, 89, 624-626.	1.2	56
140	Is the ArteACC Index a Valid Indicator of Freeâ€Living Physical Activity in Adolescents?. Obesity, 2003, 11, 793-801.	4.0	56
141	The effect of fat composition of the diet on energy metabolism. European Journal of Nutrition, 1997, 36, 303-305.	4.6	55
142	Assessment of energy expenditure in overweight women. Medicine and Science in Sports and Exercise, 1998, 30, 1191-1197.	0.2	55
143	Effect of diet composition on leptin concentration in lean subjects. Metabolism: Clinical and Experimental, 1997, 46, 420-424.	1.5	53
144	Assessment of fat-mass loss during weight reduction in obese women. Metabolism: Clinical and Experimental, 1997, 46, 968-975.	1.5	53

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145	Physical activity levels in children and adolescents. International Journal of Obesity, 2003, 27, 605-609.	1.6	53
146	Validity of 24-h recalls in (pre-)school aged children: Comparison of proxy-reported energy intakes with measured energy expenditure. Clinical Nutrition, 2014, 33, 79-84.	2.3	53
147	The shape of the cumulative food intake curve in humans, during basic and manipulated meals. Physiology and Behavior, 1990, 47, 569-576.	1.0	52
148	Body composition, water turnover and energy turnover assessment with labelled water. Proceedings of the Nutrition Society, 1999, 58, 945-951.	0.4	52
149	Dietary fat oxidation as a function of body fat. American Journal of Clinical Nutrition, 2008, 87, 132-135.	2.2	52
150	Body mass, body composition and sleeping metabolic rate before, during and after endurance training. European Journal of Applied Physiology and Occupational Physiology, 1994, 69, 203-208.	1.2	51
151	A comparison of the effect of free access to reduced fat products or their full fat equivalents on food intake, body weight, blood lipids and fat-soluble antioxidants levels and haemostasis variables. European Journal of Clinical Nutrition, 1998, 52, 389-395.	1.3	50
152	Comparative Response of EPO and Soluble Transferrin Receptor at High Altitude. Medicine and Science in Sports and Exercise, 2004, 36, 1493-1498.	0.2	50
153	Water loss as a function of energy intake, physical activity and season. British Journal of Nutrition, 2005, 93, 199-203.	1.2	50
154	Heart rate monitoring to assess energy expenditure in children with reduced physical activity. Medicine and Science in Sports and Exercise, 1996, 28, 496-501.	0.2	49
155	Activity related energy expenditure in children and adolescents with Praderâ€“Willi syndrome. International Journal of Obesity, 2000, 24, 429-434.	1.6	48
156	Energy and Water Balance at High Altitude. Physiology, 2001, 16, 134-137.	1.6	46
157	Low Resting Energy Expenditure in Asians Can Be Attributed to Body Composition. Obesity, 2008, 16, 2212-2216.	1.5	46
158	Are skinfold measurements suitable to compare body fat between children with spastic cerebral palsy and healthy controls?. Developmental Medicine and Child Neurology, 1998, 40, 335-339.	1.1	46
159	Concomitant changes in sleep duration and body weight and body composition during weight loss and 3-mo weight maintenance. American Journal of Clinical Nutrition, 2013, 98, 25-31.	2.2	46
160	Whole-body protein turnover in elderly men and women: responses to two protein intakes. American Journal of Clinical Nutrition, 1995, 61, 33-38.	2.2	45
161	Physical activity assessment: Comparison between movement registration and doubly labeled water method. European Journal of Nutrition, 1997, 36, 263-267.	4.6	44
162	Substrate utilization in man: Effects of dietary fat and carbohydrate. Metabolism: Clinical and Experimental, 1994, 43, 152-156.	1.5	43

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163	Energy expenditure assessed by heart rate and doubly labeled water in young athletes. Medicine and Science in Sports and Exercise, 2002, 34, 1360-1366.	0.2	43
164	Acute effects of breakfasts containing Î±-lactalbumin, or gelatin with or without added tryptophan, on hunger, â€˜satietyâ€™ hormones and amino acid profiles. British Journal of Nutrition, 2009, 101, 1859-1866.	1.2	43
165	Wrist-worn accelerometers in assessment of energy expenditure during intensive training. Physiological Measurement, 2012, 33, 1841-1854.	1.2	43
166	Metabolic adaptations to overâ€”and underfeedingâ€”still a matter of debate?. European Journal of Clinical Nutrition, 2013, 67, 443-445.	1.3	43
167	Exercise, energy expenditure and energy balance, as measured with doubly labelled water. Proceedings of the Nutrition Society, 2018, 77, 4-10.	0.4	43
168	Estimation of body composition by bioelectrical impedance in cancer patients. European Journal of Clinical Nutrition, 1990, 44, 749-52.	1.3	43
169	Energy expenditure during overfeeding. Nutrition and Metabolism, 2006, 3, 25.	1.3	42
170	Perception, passive overfeeding and energy metabolism. Physiology and Behavior, 2006, 89, 62-65.	1.0	42
171	Body mass index and daily physical activity in anorexia nervosa. Medicine and Science in Sports and Exercise, 1996, 28, 967-973.	0.2	42
172	Exerciseâ€Induced Oxidative Stress in Older Adults as a Function of Habitual Activity Level. Journal of the American Geriatrics Society, 2002, 50, 349-353.	1.3	41
173	Accelerometry and Heart Rate as a Measure of Physical Fitness: Proof of Concept. Medicine and Science in Sports and Exercise, 2005, 37, 872-876.	0.2	41
174	The Effect of Sibutramine on Energy Expenditure and Body Composition in Obese Adolescents. Journal of Clinical Endocrinology and Metabolism, 2007, 92, 1409-1414.	1.8	41
175	Walking as a Contributor to Physical Activity in Healthy Older Adults: 2 Week Longitudinal Study Using Accelerometry and the Doubly Labeled Water Method. JMIR MHealth and UHealth, 2016, 4, e56.	1.8	40
176	Reduction of sleeping metabolic rate after vertical banded gastroplasty. International Journal of Obesity, 1998, 22, 343-348.	1.6	39
177	Physical Activity in Confined Conditions as an Indicator of Freeâ€Living Physical Activity. Obesity, 2003, 11, 865-868.	4.0	39
178	Cold-induced heat production preceding shivering. British Journal of Nutrition, 2005, 93, 387-391.	1.2	39
179	Gluconeogenesis and protein-induced satiety. British Journal of Nutrition, 2012, 107, 595-600.	1.2	39
180	Estimating historical changes in physical activity levels. Medical Journal of Australia, 2001, 175, 635-636.	0.8	38

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181	Metabolic efficiency and energy expenditure during short-term overfeeding. Physiology and Behavior, 2005, 85, 593-597.	1.0	38
182	Weight lossâ€“induced reduction in physical activity recovers during weight maintenance. American Journal of Clinical Nutrition, 2013, 98, 917-923.	2.2	38
183	Somatic and psychological effects of low-dose aromatase inhibition in men with obesity-related hypogonadotropic hypotestosteronemia. European Journal of Endocrinology, 2013, 169, 705-714.	1.9	38
184	Limits to sustainable human metabolic rate. Journal of Experimental Biology, 2001, 204, 3183-7.	0.8	38
185	Presence or absence of carbohydrates and the proportion of fat in a high-protein diet affect appetite suppression but not energy expenditure in normal-weight human subjects fed in energy balance. British Journal of Nutrition, 2010, 104, 1395-1405.	1.2	37
186	Fat balance in obese subjects: role of glycogen stores. American Journal of Physiology - Endocrinology and Metabolism, 1998, 274, E1027-E1033.	1.8	36
187	Assessment of Body Composition and Breast Milk Volume in Lactating Mothers in Pastoral Communities in Pokot, Kenya, Using Deuterium Oxide. Annals of Nutrition and Metabolism, 2005, 49, 110-117.	1.0	36
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