

# Klaas R Westerterp

## List of Publications by Year in Descending Order

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

339  
papers

20,229  
citations

77  
h-index

126  
g-index

353  
ext. papers

22,093  
ext. citations

4.8  
avg, IF

7.09  
L-index

| #   | Paper  | IF   | Citations |
|-----|--|------|-----------|
| 339 | Total energy expenditure is repeatable in adults but not associated with short-term changes in body composition.. <i>Nature Communications</i> , <b>2022</b> , 13, 99  | 17.4 | 0         |
| 338 | Extreme duration exercise affects old and younger men differently.. <i>Acta Physiologica</i> , <b>2022</b> , e13816  | 5.6  | 0         |
| 337 | Lockdown induced change in energy balance. <i>European Journal of Clinical Nutrition</i> , <b>2021</b> , 75, 1416-1417   | 5.2  | 0         |
| 336 | A standard calculation methodology for human doubly labeled water studies. <i>Cell Reports Medicine</i> , <b>2021</b> , 2, 100203  | 18   | 21        |
| 335 | Daily energy expenditure through the human life course. <i>Science</i> , <b>2021</b> , 373, 808-812  | 33.3 | 43        |
| 334 | Physical activity and fat-free mass during growth and in later life. <i>American Journal of Clinical Nutrition</i> , <b>2021</b> , 114, 1583-1589  | 7    | 3         |
| 333 | Absence of evidence is no evidence for absence of the phenomenon. <i>American Journal of Clinical Nutrition</i> , <b>2020</b> , 112, 501-502   | 7    | 2         |
| 332 | Energy metabolism <b>2020</b> , 3-14   |      | 1         |
| 331 | Seasonal variation in body mass, body composition and activity-induced energy expenditure: a long-term study. <i>European Journal of Clinical Nutrition</i> , <b>2020</b> , 74, 135-140                                    | 5.2  | 7         |
| 330 | Substrate utilization and metabolic profile in response to overfeeding with a high-fat diet in South Asian and white men: a sedentary lifestyle study. <i>International Journal of Obesity</i> , <b>2020</b> , 44, 136-146 | 5.5  | 4         |
| 329 | Molecular adaptation in adipose tissue in response to overfeeding with a high-fat diet under sedentary conditions in South Asian and Caucasian men. <i>British Journal of Nutrition</i> , <b>2019</b> , 122, 241-251       | 3.6  | 1         |
| 328 | Measurement of Energy Expenditure <b>2019</b> , 101-119  |      | 1         |
| 327 | Training-induced changes in daily energy expenditure: Methodological evaluation using wrist-worn accelerometer, heart rate monitor, and doubly labeled water technique. <i>PLoS ONE</i> , <b>2019</b> , 14, e0219563       | 3.7  | 17        |
| 326 | Association of and gene variation with energy restriction induced adaptations in resting energy expenditure and physical activity. <i>Gene: X</i> , <b>2019</b> , 3, 100019  | 2.1  | 1         |
| 325 | Physical activity and energy balance. <i>European Journal of Clinical Nutrition</i> , <b>2019</b> , 73, 1327-1330  | 5.2  | 2         |
| 324 | Effect of growth hormone treatment on energy expenditure and its relation to first-year growth response in children. <i>European Journal of Applied Physiology</i> , <b>2019</b> , 119, 409-418                            | 3.4  | 1         |
| 323 | Exercise, energy expenditure and energy balance, as measured with doubly labelled water. <i>Proceedings of the Nutrition Society</i> , <b>2018</b> , 77, 4-10  | 2.9  | 23        |

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| 322 | Changes in physical activity over the lifespan: impact on body composition and sarcopenic obesity. <i>Obesity Reviews</i> , <b>2018</b> , 19 Suppl 1, 8-13  | 10.6 | 34  |
| 321 | Exercise, energy balance and body composition. <i>European Journal of Clinical Nutrition</i> , <b>2018</b> , 72, 1246-1250  | 5.0  | 32  |
| 320 | Energy balance, energy turnover, and risk of body fat gain. <i>American Journal of Clinical Nutrition</i> , <b>2017</b> , 105, 540-541  | 7    | 4   |
| 319 | Energy balance and obesity: what are the main drivers?. <i>Cancer Causes and Control</i> , <b>2017</b> , 28, 247-258  | 2.8  | 268 |
| 318 | Control of energy expenditure in humans. <i>European Journal of Clinical Nutrition</i> , <b>2017</b> , 71, 340-344  | 5.2  | 72  |
| 317 | Quality Sleep Is Associated With Overnight Metabolic Rate in Healthy Older Adults. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , <b>2017</b> , 72, 567-571   | 6.4  | 2   |
| 316 | Doubly labelled water assessment of energy expenditure: principle, practice, and promise. <i>European Journal of Applied Physiology</i> , <b>2017</b> , 117, 1277-1285  | 3.4  | 75  |
| 315 | Diurnal Patterns of Physical Activity in Relation to Activity Induced Energy Expenditure in 52 to 83 Years-Old Adults. <i>PLoS ONE</i> , <b>2016</b> , 11, e0167824   | 3.7  | 4   |
| 314 | Walking as a Contributor to Physical Activity in Healthy Older Adults: 2 Week Longitudinal Study Using Accelerometry and the Doubly Labeled Water Method. <i>JMIR MHealth and UHealth</i> , <b>2016</b> , 4, e56                          | 5.5  | 18  |
| 313 | Physical activity and weight loss are independent predictors of improved insulin sensitivity following energy restriction. <i>Obesity</i> , <b>2016</b> , 24, 291-6   | 8    | 2   |
| 312 | Weight loss-induced stress in subcutaneous adipose tissue is related to weight regain. <i>British Journal of Nutrition</i> , <b>2016</b> , 115, 913-20  | 3.6  | 8   |
| 311 | Growth and endothelial function in the first 2 years of life. <i>Journal of Pediatrics</i> , <b>2015</b> , 166, 666-71.e1   | 3.6  | 8   |
| 310 | Daily physical activity as determined by age, body mass and energy balance. <i>European Journal of Applied Physiology</i> , <b>2015</b> , 115, 1177-84  | 3.4  | 16  |
| 309 | Leptin and energy restriction induced adaptation in energy expenditure. <i>Metabolism: Clinical and Experimental</i> , <b>2015</b> , 64, 1284-90  | 12.7 | 13  |
| 308 | Inability to match energy intake with energy expenditure at sustained near-maximal rates of energy expenditure in older men during a 14-d cycling expedition. <i>American Journal of Clinical Nutrition</i> , <b>2015</b> , 102, 1398-405 | 7    | 18  |
| 307 | Energy Expenditure and Intake Methods <b>2015</b> , 186-197   |      | 1   |
| 306 | Body Acceleration as Indicator for Walking Economy in an Ageing Population. <i>PLoS ONE</i> , <b>2015</b> , 10, e0141431  | 3.7  | 5   |
| 305 | Liver fat accumulation in response to overfeeding with a high-fat diet: a comparison between South Asian and Caucasian men. <i>Nutrition and Metabolism</i> , <b>2015</b> , 12, 18  | 4.6  | 6   |

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| 304 | Weight loss-induced changes in adipose tissue proteins associated with fatty acid and glucose metabolism correlate with adaptations in energy expenditure. <i>Nutrition and Metabolism</i> , <b>2015</b> , 12, 37                | 4.6  | 8   |
| 303 | Heritability and genetic etiology of habitual physical activity: a twin study with objective measures. <i>Genes and Nutrition</i> , <b>2014</b> , 9, 415   | 4.3  | 14  |
| 302 | Metabolic profile before and after short-term overfeeding with a high-fat diet: a comparison between South Asian and White men. <i>British Journal of Nutrition</i> , <b>2014</b> , 111, 1853-61                                 | 3.6  | 16  |
| 301 | Validating measures of free-living physical activity in overweight and obese subjects using an accelerometer. <i>International Journal of Obesity</i> , <b>2014</b> , 38, 1011-4   | 5.5  | 12  |
| 300 | Reliable assessment of physical activity in disease: an update on activity monitors. <i>Current Opinion in Clinical Nutrition and Metabolic Care</i> , <b>2014</b> , 17, 401-6   | 3.8  | 23  |
| 299 | Genetic predisposition, dietary restraint and disinhibition in relation to short and long-term weight loss. <i>Physiology and Behavior</i> , <b>2014</b> , 128, 247-51   | 3.5  | 20  |
| 298 | Validity of 24-h recalls in (pre-)school aged children: comparison of proxy-reported energy intakes with measured energy expenditure. <i>Clinical Nutrition</i> , <b>2014</b> , 33, 79-84  | 5.9  | 45  |
| 297 | Daily physical activity assessment with accelerometers: new insights and validation studies. <i>Obesity Reviews</i> , <b>2013</b> , 14, 451-62   | 10.6 | 191 |
| 296 | Validity of physical activity monitors during daily life in patients with COPD. <i>European Respiratory Journal</i> , <b>2013</b> , 42, 1205-15  | 13.6 | 188 |
| 295 | Optical heart rate monitoring module validation study <b>2013</b> ,  |      | 20  |
| 294 | Weight loss-induced reduction in physical activity recovers during weight maintenance. <i>American Journal of Clinical Nutrition</i> , <b>2013</b> , 98, 917-23  | 7    | 29  |
| 293 | Relative shrinkage of adipocytes by paraffin in proportion to plastic embedding in human adipose tissue before and after weight loss. <i>Obesity Research and Clinical Practice</i> , <b>2013</b> , 7, e8-13                     | 5.4  | 7   |
| 292 | A mathematical model of weight loss under total starvation: evidence against the thrifty-gene hypothesis. <i>DMM Disease Models and Mechanisms</i> , <b>2013</b> , 6, 236-51   | 4.1  | 28  |
| 291 | Validation of anthropometry and foot-to-foot bioelectrical resistance against a three-component model to assess total body fat in children: the IDEFICS study. <i>International Journal of Obesity</i> , <b>2013</b> , 37, 520-6 | 5.5  | 14  |
| 290 | Metabolic adaptations to over--and underfeeding--still a matter of debate?. <i>European Journal of Clinical Nutrition</i> , <b>2013</b> , 67, 443-5  | 5.2  | 35  |
| 289 | Somatic and psychological effects of low-dose aromatase inhibition in men with obesity-related hypogonadotropic hypotestosteronemia. <i>European Journal of Endocrinology</i> , <b>2013</b> , 169, 705-14                        | 6.5  | 26  |
| 288 | Weight loss, weight maintenance, and adaptive thermogenesis. <i>American Journal of Clinical Nutrition</i> , <b>2013</b> , 97, 990-4   | 7    | 89  |
| 287 | Physical activity and physical activity induced energy expenditure in humans: measurement, determinants, and effects. <i>Frontiers in Physiology</i> , <b>2013</b> , 4, 90   | 4.6  | 114 |

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| 286 | Concomitant changes in sleep duration and body weight and body composition during weight loss and 3-mo weight maintenance. <i>American Journal of Clinical Nutrition</i> , <b>2013</b> , 98, 25-31  | 7    | 36  |
| 285 | Weight-loss induced changes in physical activity and activity energy expenditure in overweight and obese subjects before and after energy restriction. <i>PLoS ONE</i> , <b>2013</b> , 8, e59641  | 3.7  | 27  |
| 284 | Physiological response of adipocytes to weight loss and maintenance. <i>PLoS ONE</i> , <b>2013</b> , 8, e58011  | 3.7  | 18  |
| 283 | Energy Balance in Motion <b>2013</b> ,  |      | 4   |
| 282 | Obesity: lessons from evolution and the environment. <i>Obesity Reviews</i> , <b>2012</b> , 13, 910-22  | 10.6 | 47  |
| 281 | Why do individuals not lose more weight from an exercise intervention at a defined dose? An energy balance analysis. <i>Obesity Reviews</i> , <b>2012</b> , 13, 835-47  | 10.6 | 165 |
| 280 | Validity of hip-mounted uniaxial accelerometry with heart-rate monitoring vs. triaxial accelerometry in the assessment of free-living energy expenditure in young children: the IDEFICS Validation Study. <i>Journal of Applied Physiology</i> , <b>2012</b> , 113, 1530-6                  | 3.7  | 24  |
| 279 | Free-living energy expenditure reduced after deep brain stimulation surgery for Parkinson disease. <i>Clinical Physiology and Functional Imaging</i> , <b>2012</b> , 32, 214-20   | 2.4  | 14  |
| 278 | Wrist-worn accelerometers in assessment of energy expenditure during intensive training. <i>Physiological Measurement</i> , <b>2012</b> , 33, 1841-54   | 2.9  | 33  |
| 277 | Effects of easy-to-use protein-rich energy bar on energy balance, physical activity and performance during 8 days of sustained physical exertion. <i>PLoS ONE</i> , <b>2012</b> , 7, e47771   | 3.7  | 14  |
| 276 | Dietary and 24-h fat oxidation in Asians and whites who differ in body composition. <i>American Journal of Clinical Nutrition</i> , <b>2012</b> , 95, 1335-41   | 7    | 11  |
| 275 | Advances in physical activity monitoring and lifestyle interventions in obesity: a review. <i>International Journal of Obesity</i> , <b>2012</b> , 36, 167-77   | 5.5  | 65  |
| 274 | Aspects of activity behavior as a determinant of the physical activity level. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2012</b> , 22, 139-45  | 4.6  | 11  |
| 273 | Assessing physical activity using wearable monitors: measures of physical activity. <i>Medicine and Science in Sports and Exercise</i> , <b>2012</b> , 44, S5-12  | 1.2  | 219 |
| 272 | Dietary protein - its role in satiety, energetics, weight loss and health. <i>British Journal of Nutrition</i> , <b>2012</b> , 108 Suppl 2, S105-12   | 3.6  | 250 |
| 271 | Gluconeogenesis and protein-induced satiety. <i>British Journal of Nutrition</i> , <b>2012</b> , 107, 595-600   | 3.6  | 30  |
| 270 | Comparing single-frequency bioelectrical impedance analysis against deuterium dilution to assess total body water. <i>European Journal of Clinical Nutrition</i> , <b>2012</b> , 66, 994-7  | 5.2  | 7   |
| 269 | Measurement of longitudinal changes in body composition during weight loss and maintenance in overweight and obese subjects using air-displacement plethysmography in comparison with the deuterium dilution technique. <i>International Journal of Obesity</i> , <b>2011</b> , 35, 1124-30 | 5.5  | 15  |

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| 268 | No effects of Korean pine nut triacylglycerol on satiety and energy intake. <i>Nutrition and Metabolism</i> , <b>2011</b> , 8, 79   | 4.6 | 5   |
| 267 | Effects of a supra-sustained gelatin-milk protein diet compared with (supra-)sustained milk protein diets on body-weight loss. <i>British Journal of Nutrition</i> , <b>2011</b> , 105, 1388-98   | 3.6 | 4   |
| 266 | Effects of oligofructose on appetite profile, glucagon-like peptide 1 and peptide YY3-36 concentrations and energy intake. <i>British Journal of Nutrition</i> , <b>2011</b> , 106, 1757-62   | 3.6 | 77  |
| 265 | Validation of an FFQ and options for data processing using the doubly labelled water method in children. <i>Public Health Nutrition</i> , <b>2011</b> , 14, 410-7   | 3.3 | 46  |
| 264 | Physical activity monitoring for health. <i>Physical Therapy Reviews</i> , <b>2011</b> , 16, 282-283  | 0.7 |     |
| 263 | Energy expenditure in brass and woodwind instrumentalists: the effect of body posture. <i>Medical Problems of Performing Artists</i> , <b>2011</b> , 26, 218-23   | 0.6 | 3   |
| 262 | Inaccuracies in food and physical activity diaries of obese subjects: complementary evidence from doubly labeled water and co-twin assessments. <i>International Journal of Obesity</i> , <b>2010</b> , 34, 437-45  | 5.5 | 69  |
| 261 | Physical activity, food intake, and body weight regulation: insights from doubly labeled water studies. <i>Nutrition Reviews</i> , <b>2010</b> , 68, 148-54   | 6.4 | 95  |
| 260 | Associations between energy demands, physical activity, and body composition in adult humans between 18 and 96 y of age. <i>American Journal of Clinical Nutrition</i> , <b>2010</b> , 92, 826-34   | 7   | 122 |
| 259 | Reply to DJ Millward. <i>American Journal of Clinical Nutrition</i> , <b>2010</b> , 91, 1802-1804   | 7   | 2   |
| 258 | Reverse epidemiology, obesity and mortality in chronic kidney disease: modelling mortality expectations using energetics. <i>Blood Purification</i> , <b>2010</b> , 29, 150-7   | 3.1 | 13  |
| 257 | No long-term weight maintenance effects of gelatin in a supra-sustained protein diet. <i>Physiology and Behavior</i> , <b>2010</b> , 101, 237-44  | 3.5 | 7   |
| 256 | Ethnic differences in body composition and the associated metabolic profile: a comparative study between Asians and Caucasians. <i>Maturitas</i> , <b>2010</b> , 65, 315-9  | 5   | 161 |
| 255 | 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. <i>British Journal of Nutrition</i> , <b>2010</b> , 104, 1395-405 | 3.6 | 31  |
| 254 | Gluconeogenesis and energy expenditure after a high-protein, carbohydrate-free diet. <i>American Journal of Clinical Nutrition</i> , <b>2009</b> , 90, 519-26   | 7   | 96  |
| 253 | Estimating the changes in energy flux that characterize the rise in obesity prevalence. <i>American Journal of Clinical Nutrition</i> , <b>2009</b> , 89, 1723-8  | 7   | 204 |
| 252 | Single-protein casein and gelatin diets affect energy expenditure similarly but substrate balance and appetite differently in adults. <i>Journal of Nutrition</i> , <b>2009</b> , 139, 2285-92  | 4.1 | 22  |
| 251 | Comparison of 2 diets with either 25% or 10% of energy as casein on energy expenditure, substrate balance, and appetite profile. <i>American Journal of Clinical Nutrition</i> , <b>2009</b> , 89, 831-8  | 7   | 56  |

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| 250 | Postprandial responses in hunger and satiety are associated with the rs9939609 single nucleotide polymorphism in FTO. <i>American Journal of Clinical Nutrition</i> , <b>2009</b> , 90, 1426-32                             | 7   | 76  |
| 249 | Body composition in 10-13-year-old children: a comparison between air displacement plethysmography and deuterium dilution. <i>Pediatric Obesity</i> , <b>2009</b> , 4, 397-404  |     | 6   |
| 248 | 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. <i>Clinical Nutrition</i> , <b>2009</b> , 28, 147-55             | 5.9 | 76  |
| 247 | Assessment of physical activity: a critical appraisal. <i>European Journal of Applied Physiology</i> , <b>2009</b> , 105, 823-8   | 3.4 | 311 |
| 246 | Effects of high and normal soyprotein breakfasts on satiety and subsequent energy intake, including amino acid and SatietyHormone responses. <i>European Journal of Nutrition</i> , <b>2009</b> , 48, 92-100                | 5.2 | 56  |
| 245 | Skeletal muscle fiber-type distribution and habitual physical activity in daily life. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2009</b> , 19, 373-80  | 4.6 | 3   |
| 244 | Aerobic fitness, energy balance, and body mass index are associated with training load assessed by activity energy expenditure. <i>Scandinavian Journal of Medicine and Science in Sports</i> , <b>2009</b> , 19, 871-8     | 4.6 | 20  |
| 243 | Comparison of 2 diets with either 25 or 10 energy% gelatin on energy expenditure, substrate balances and appetite profile. <i>European E-journal of Clinical Nutrition and Metabolism</i> , <b>2009</b> , 4, e329-e336      |     | 3   |
| 242 | Dose-dependent satiating effect of whey relative to casein or soy. <i>Physiology and Behavior</i> , <b>2009</b> , 96, 675-82  | 3.5 | 193 |
| 241 | Effects of complete whey-protein breakfasts versus whey without GMP-breakfasts on energy intake and satiety. <i>Appetite</i> , <b>2009</b> , 52, 388-95   | 4.5 | 72  |
| 240 | Estimating activity-related energy expenditure under sedentary conditions using a tri-axial seismic accelerometer. <i>Obesity</i> , <b>2009</b> , 17, 1287-92   | 8   | 56  |
| 239 | Dietary protein, weight loss, and weight maintenance. <i>Annual Review of Nutrition</i> , <b>2009</b> , 29, 21-41   | 9.9 | 370 |
| 238 | Detection of type, duration, and intensity of physical activity using an accelerometer. <i>Medicine and Science in Sports and Exercise</i> , <b>2009</b> , 41, 1770-7   | 1.2 | 156 |
| 237 | Dietary fat oxidation as a function of body fat. <i>Current Opinion in Lipidology</i> , <b>2009</b> , 20, 45-9  | 4.4 | 11  |
| 236 | Comparison of the effects of a high- and normal-casein breakfast on satiety, SatietyHormones, plasma amino acids and subsequent energy intake. <i>British Journal of Nutrition</i> , <b>2009</b> , 101, 295-303             | 3.6 | 65  |
| 235 | Acute effects of breakfasts containing alpha-lactalbumin, or gelatin with or without added tryptophan, on hunger, SatietyHormones and amino acid profiles. <i>British Journal of Nutrition</i> , <b>2009</b> , 101, 1859-66 | 3.6 | 40  |
| 234 | Improving assessment of daily energy expenditure by identifying types of physical activity with a single accelerometer. <i>Journal of Applied Physiology</i> , <b>2009</b> , 107, 655-61                                    | 3.7 | 144 |
| 233 | Physically active lifestyle does not decrease the risk of fattening. <i>PLoS ONE</i> , <b>2009</b> , 4, e4745   | 3.7 | 29  |

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| 232 | SNP analyses of postprandial responses in (an)orexigenic hormones and feelings of hunger reveal long-term physiological adaptations to facilitate homeostasis. <i>International Journal of Obesity</i> , <b>2008</b> , 32, 1790-8                            | 5.5 | 11  |
| 231 | Assessment of the physical activity level with two questions: validation with doubly labeled water. <i>International Journal of Obesity</i> , <b>2008</b> , 32, 1031-3   | 5.5 | 77  |
| 230 | Body composition is associated with physical activity in daily life as measured using a triaxial accelerometer in both men and women. <i>International Journal of Obesity</i> , <b>2008</b> , 32, 1264-70  | 5.5 | 16  |
| 229 | Physical activity energy expenditure has not declined since the 1980s and matches energy expenditures of wild mammals. <i>International Journal of Obesity</i> , <b>2008</b> , 32, 1256-63   | 5.5 | 189 |
| 228 | Physical inactivity and obesity: a vicious circle. <i>Obesity</i> , <b>2008</b> , 16, 409-14   | 8   | 190 |
| 227 | Low resting energy expenditure in Asians can be attributed to body composition. <i>Obesity</i> , <b>2008</b> , 16, 2212-6  | 8   | 40  |
| 226 | Physical activity, fat intake and body fat. <i>Physiology and Behavior</i> , <b>2008</b> , 94, 164-8   | 3.5 | 31  |
| 225 | Intra-individual variability and adaptation of overnight- and sleeping metabolic rate. <i>Physiology and Behavior</i> , <b>2008</b> , 94, 158-63   | 3.5 | 28  |
| 224 | Physical activity as determinant of daily energy expenditure. <i>Physiology and Behavior</i> , <b>2008</b> , 93, 1039-43   | 3.5 | 71  |
| 223 | Habitual physical activity in daily life correlates positively with markers for mitochondrial capacity. <i>Journal of Applied Physiology</i> , <b>2008</b> , 105, 561-8  | 3.7 | 29  |
| 222 | The PPARgamma ligand rosiglitazone influences triacylglycerol metabolism in non-obese males, without increasing the transcriptional activity of PPARgamma in the subcutaneous adipose tissue. <i>British Journal of Nutrition</i> , <b>2008</b> , 99, 487-93 | 3.6 | 3   |
| 221 | Elite Kenyan endurance runners are hydrated day-to-day with ad libitum fluid intake. <i>Medicine and Science in Sports and Exercise</i> , <b>2008</b> , 40, 1171-9   | 1.2 | 21  |
| 220 | Dietary fat oxidation as a function of body fat. <i>American Journal of Clinical Nutrition</i> , <b>2008</b> , 87, 132-5   | 7   | 42  |
| 219 | Physical activity assessment with accelerometers: an evaluation against doubly labeled water. <i>Obesity</i> , <b>2007</b> , 15, 2371-9  | 8   | 466 |
| 218 | Physical activity as a determinant of total energy expenditure in critically ill children. <i>Clinical Nutrition</i> , <b>2007</b> , 26, 744-51  | 5.9 | 17  |
| 217 | Physical Activity and Insulin Resistance. <i>Current Nutrition and Food Science</i> , <b>2007</b> , 3, 157-160   | 0.7 | 3   |
| 216 | The effect of sibutramine on energy expenditure and body composition in obese adolescents. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2007</b> , 92, 1409-14   | 5.6 | 33  |
| 215 | Daily physical activity counts vs structured activity counts in lean and overweight Dutch children. <i>Physiology and Behavior</i> , <b>2007</b> , 92, 611-6   | 3.5 | 14  |



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| 214 | The effect of the PPARgamma ligand rosiglitazone on energy balance regulation. <i>Diabetes/Metabolism Research and Reviews</i> , <b>2006</b> , 22, 204-10   | 7.5 | 14  |
| 213 | Body mass regulation at altitude. <i>European Journal of Gastroenterology and Hepatology</i> , <b>2006</b> , 18, 1-3  | 2.2 | 53  |
| 212 | PPARgamma activity in subcutaneous abdominal fat tissue and fat mass gain during short-term overfeeding. <i>International Journal of Obesity</i> , <b>2006</b> , 30, 302-7  | 5.5 | 17  |
| 211 | Dietary protein, metabolism, and body-weight regulation: dose-response effects. <i>International Journal of Obesity</i> , <b>2006</b> , 30, S16-S23   | 5.5 | 75  |
| 210 | Energy expenditure during overfeeding. <i>Nutrition and Metabolism</i> , <b>2006</b> , 3, 25  | 4.6 | 36  |
| 209 | Perception, passive overfeeding and energy metabolism. <i>Physiology and Behavior</i> , <b>2006</b> , 89, 62-5  | 3.5 | 38  |
| 208 | Is it possible to improve elderly male bladder function by having them drink more water? A randomized trial of effects of increased fluid intake/urine output on male lower urinary tract function. <i>Urology</i> , <b>2006</b> , 68, 1031-6   | 1.6 | 16  |
| 207 | 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. <i>American Journal of Clinical Nutrition</i> , <b>2006</b> , 83, 89-94 | 7   | 255 |
| 206 | Evidence of negative energy balance using doubly labelled water in elite Kenyan endurance runners prior to competition. <i>British Journal of Nutrition</i> , <b>2006</b> , 95, 59-66   | 3.6 | 63  |
| 205 | Basal metabolic rate as a proxy for overnight energy expenditure: the effect of age. <i>British Journal of Nutrition</i> , <b>2006</b> , 95, 1166-70  | 3.6 | 16  |
| 204 | Accelerometry and heart rate as a measure of physical fitness: cross-validation. <i>Medicine and Science in Sports and Exercise</i> , <b>2006</b> , 38, 1510-4  | 1.2 | 34  |
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