# Sren Brage

## List of Publications by Year in Descending Order



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| 396 papers | 21,290 citations | 76 h-index | 133 g-index |
| 447 ext. papers | 24,868 ext. citations | 5.8 avg, IF | 6.7 L-index |

| # | Paper | IF | Citations |
|---|---|---|---|
| 396 | Levels and correlates of physical activity and capacity among HIV-infected compared to HIV-uninfected individuals.. *PLoS ONE*, **2022**, 17, e0262298 | 3.7 | 0 |
| 395 | Considerations for the Use of Consumer-Grade Wearables and Smartphones in Population Surveillance of Physical Activity. *Journal for the Measurement of Physical Behaviour*, **2022**, 1-7 | 2.3 | 1 |
| 394 | Four groups of type 2 diabetes contribute to the etiological and clinical heterogeneity in newly diagnosed individuals: An IMI DIRECT study.. *Cell Reports Medicine*, **2022**, 3, 100477 | 18 | 1 |
| 393 | Physical activity intensity profiles associated with cardiometabolic risk in middle-aged to older men and women.. *Preventive Medicine*, **2022**, 156, 106977 | 4.3 | 0 |
| 392 | Population level physical activity before and during the first national COVID-19 lockdown: A nationally representative repeat cross-sectional study of 5 years of Active Lives data in England. *Lancet Regional Health - Europe, The*, **2022**, 12, 100265 | | 8 |
| 391 | Objective and Self-Reported Physical Activity and Risk of Falling Among Community-Dwelling Older Adults From Southern Brazil.. *Journal of Aging and Physical Activity*, **2022**, 1-8 | 1.6 | |
| 390 | Association of Accelerometer-Measured Sedentary Accumulation Patterns With Incident Cardiovascular Disease, Cancer, and All-Cause Mortality.. *Journal of the American Heart Association*, **2022**, e023845 | 6 | 3 |
| 389 | Detecting sleep outside the clinic using wearable heart rate devices.. *Scientific Reports*, **2022**, 12, 7956 | 4.9 | 1 |
| 388 | Processes Underlying Glycemic Deterioration in Type 2 Diabetes: An IMI DIRECT Study. *Diabetes Care*, **2021**, 44, 511-518 | 14.6 | 6 |
| 387 | Associations of physical activity, sedentary time, and diet quality with biomarkers of inflammation in children. *European Journal of Sport Science*, **2021**, 1-10 | 3.9 | 3 |
| 386 | SelfHAR **2021**, 5, 1-30 | | 5 |
| 385 | Physical activity attenuates postprandial hyperglycaemia in homozygous TBC1D4 loss-of-function mutation carriers. *Diabetologia*, **2021**, 64, 1795-1804 | 10.3 | 3 |
| 384 | Self-supervised transfer learning of physiological representations from free-living wearable data **2021**, | | 2 |
| 383 | Longitudinal associations of physical activity, sedentary time, and cardiorespiratory fitness with arterial health in children - the PANIC study. *Journal of Sports Sciences*, **2021**, 39, 1980-1987 | 3.6 | 1 |
| 382 | Objectively Measured Physical Activity and Body Fatness: Associations with Total Body Fat, Visceral Fat, and Liver Fat. *Medicine and Science in Sports and Exercise*, **2021**, 53, 2309-2317 | 1.2 | 1 |
| 381 | Caffeine Increases Exercise Performance, Maximal Oxygen Uptake, and Oxygen Deficit in Elite Male Endurance Athletes. *Medicine and Science in Sports and Exercise*, **2021**, 53, 2264-2273 | 1.2 | 2 |
| 380 | Data Resource Profile: Understanding the patterns and determinants of health in South Asians-the South Asia Biobank. *International Journal of Epidemiology*, **2021**, 50, 717-718e | 7.8 | 4 |

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| 379 | The effects of a 2-year physical activity and dietary intervention on plasma lipid concentrations in children: the PANIC Study. *European Journal of Nutrition*, **2021**, 60, 425-434 | 5.2 | 1 |
| 378 | Plasma marker for systemic inflammation is increased in Mexican Tarahumara following ultra-distance running. *American Journal of Human Biology*, **2021**, 33, e23501 | 2.7 | 2 |
| 377 | The association between self-reported physical activity and objective measures of physical activity in participants with newly diagnosed bipolar disorder, unaffected relatives, and healthy individuals. *Nordic Journal of Psychiatry*, **2021**, 75, 186-193 | 2.3 | 1 |
| 376 | Cross-sectional and prospective associations between active living environments and accelerometer-assessed physical activity in the EPIC-Norfolk cohort. *Health and Place*, **2021**, 67, 102490 | 4.6 | 1 |
| 375 | Effectiveness of Minimal Contact Interventions: An RCT. *American Journal of Preventive Medicine*, **2021**, 60, e111-e121 | 6.1 | 1 |
| 374 | Is occupational physical activity associated with mortality in UK Biobank?. *International Journal of Behavioral Nutrition and Physical Activity*, **2021**, 18, 102 | 8.4 | 2 |
| 373 | Longitudinal associations between prepubertal childhood total energy and macronutrient intakes and subsequent puberty timing in UK boys and girls. *European Journal of Nutrition*, **2021**, 1 | 5.2 | 1 |
| 372 | Cardiorespiratory fitness assessment using risk-stratified exercise testing and dose-response relationships with disease outcomes. *Scientific Reports*, **2021**, 11, 15315 | 4.9 | 0 |
| 371 | Directly measured aerobic fitness in male Maasai of Tanzania. *American Journal of Human Biology*, **2021**, e23674 | 2.7 | 1 |
| 370 | Association of Cycling With All-Cause and Cardiovascular Disease Mortality Among Persons With Diabetes: The European Prospective Investigation Into Cancer and Nutrition (EPIC) Study. *JAMA Internal Medicine*, **2021**, 181, 1196-1205 | 11.5 | 3 |
| 369 | Correlates of change in accelerometer-assessed total sedentary time and prolonged sedentary bouts among older English adults: results from five-year follow-up in the EPIC-Norfolk cohort. *Aging*, **2021**, 13, 134-149 | 5.6 | 1 |
| 368 | Use of the prevented fraction for the population to determine deaths averted by existing prevalence of physical activity: a descriptive study. *The Lancet Global Health*, **2020**, 8, e920-e930 | 13.6 | 41 |
| 367 | Predicting and elucidating the etiology of fatty liver disease: A machine learning modeling and validation study in the IMI DIRECT cohorts. *PLoS Medicine*, **2020**, 17, e1003149 | 11.6 | 18 |
| 366 | Estimating physical activity from self-reported behaviours in large-scale population studies using network harmonisation: findings from UK Biobank and associations with disease outcomes. *International Journal of Behavioral Nutrition and Physical Activity*, **2020**, 17, 40 | 8.4 | 8 |
| 365 | Evaluation of a very brief pedometer-based physical activity intervention delivered in NHS Health Checks in England: The VBI randomised controlled trial. *PLoS Medicine*, **2020**, 17, e1003046 | 11.6 | 6 |
| 364 | Descriptive epidemiology of energy expenditure in the UK: findings from the National Diet and Nutrition Survey 2008-15. *International Journal of Epidemiology*, **2020**, 49, 1007-1021 | 7.8 | 2 |
| 363 | Short-term efficacy of reducing screen media use on physical activity, sleep, and physiological stress in families with children aged 4-14: study protocol for the SCREENS randomized controlled trial. *BMC Public Health*, **2020**, 20, 380 | 4.1 | 9 |
| 362 | Differences in psychomotor activity and heart rate variability in patients with newly diagnosed bipolar disorder, unaffected relatives, and healthy individuals. *Journal of Affective Disorders*, **2020**, 266, 30-36 | 6.6 | 5 |

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| 361 | The role of physical activity in metabolic homeostasis before and after the onset of type 2 diabetes: an IMI DIRECT study. *Diabetologia*, **2020**, 63, 744-756 | 10.3 | 4 |
| 360 | Prenatal and birth predictors of objectively measured physical activity and sedentary time in three population-based birth cohorts in Brazil. *Scientific Reports*, **2020**, 10, 786 | 4.9 | 3 |
| 359 | A pragmatic and scalable strategy using mobile technology to promote sustained lifestyle changes to prevent type 2 diabetes in India and the UK: a randomised controlled trial. *Diabetologia*, **2020**, 63, 486-496 | 10.3 | 14 |
| 358 | Network Harmonization of Physical Activity Variables Through Indirect Validation. *Journal for the Measurement of Physical Behaviour*, **2020**, 3, 8-18 | 2.3 | 5 |
| 357 | Diurnal Profiles of Physical Activity and Postures Derived From Wrist-Worn Accelerometry in UK Adults. *Journal for the Measurement of Physical Behaviour*, **2020**, 3, 39-49 | 2.3 | 1 |
| 356 | Objectively Measured Physical Activity and Polypharmacy Among Brazilian Community-Dwelling Older Adults. *Journal of Physical Activity and Health*, **2020**, 17, 729-735 | 2.5 | 1 |
| 355 | Quantifying population levels of physical activity in Africa using wearable sensors: implications for global physical activity surveillance. *BMJ Open Sport and Exercise Medicine*, **2020**, 6, e000941 | 3.4 | 2 |
| 354 | Objectively Measured Physical Activity Reduces the Risk of Mortality among Brazilian Older Adults. *Journal of the American Geriatrics Society*, **2020**, 68, 137-146 | 5.6 | 8 |
| 353 | Number of days required to estimate physical activity constructs objectively measured in different age groups: Findings from three Brazilian (Pelotas) population-based birth cohorts. *PLoS ONE*, **2020**, 15, e0216017 | 3.7 | 21 |
| 352 | Cardiorespiratory Fitness, Physical Activity, and Insulin Resistance in Children. *Medicine and Science in Sports and Exercise*, **2020**, 52, 1144-1152 | 1.2 | 9 |
| 351 | Levels of domain-specific physical activity at work, in the household, for travel and for leisure among 327 789 adults from 104 countries. *British Journal of Sports Medicine*, **2020**, 54, 1488-1497 | 10.3 | 35 |
| 350 | A 2-year physical activity and dietary intervention attenuates the increase in insulin resistance in a general population of children: the PANIC study. *Diabetologia*, **2020**, 63, 2270-2281 | 10.3 | 5 |
| 349 | Wearable-device-measured physical activity and future health risk. *Nature Medicine*, **2020**, 26, 1385-1391 | 50.5 | 60 |
| 348 | Impact of follow-up time and analytical approaches to account for reverse causality on the association between physical activity and health outcomes in UK Biobank. *International Journal of Epidemiology*, **2020**, 49, 162-172 | 7.8 | 27 |
| 347 | Criterion validity of two physical activity and one sedentary time questionnaire against accelerometry in a large cohort of adults and older adults. *BMJ Open Sport and Exercise Medicine*, **2020**, 6, e000661 | 3.4 | 17 |
| 346 | Prospective Associations of Accelerometer-Measured Physical Activity and Sedentary Time With Incident Cardiovascular Disease, Cancer, and All-Cause Mortality. *Circulation*, **2020**, 141, 1113-1115 | 16.7 | 24 |
| 345 | Predicting and elucidating the etiology of fatty liver disease: A machine learning modeling and validation study in the IMI DIRECT cohorts **2020**, 17, e1003149 | | |
| 344 | Predicting and elucidating the etiology of fatty liver disease: A machine learning modeling and validation study in the IMI DIRECT cohorts **2020**, 17, e1003149 | | |

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| 343 | Predicting and elucidating the etiology of fatty liver disease: A machine learning modeling and validation study in the IMI DIRECT cohorts **2020**, 17, e1003149 | | |
| 342 | Predicting and elucidating the etiology of fatty liver disease: A machine learning modeling and validation study in the IMI DIRECT cohorts **2020**, 17, e1003149 | | |
| 341 | Predicting and elucidating the etiology of fatty liver disease: A machine learning modeling and validation study in the IMI DIRECT cohorts **2020**, 17, e1003149 | | |
| 340 | Evaluation of a very brief pedometer-based physical activity intervention delivered in NHS Health Checks in England: The VBI randomised controlled trial **2020**, 17, e1003046 | | |
| 339 | Evaluation of a very brief pedometer-based physical activity intervention delivered in NHS Health Checks in England: The VBI randomised controlled trial **2020**, 17, e1003046 | | |
| 338 | Evaluation of a very brief pedometer-based physical activity intervention delivered in NHS Health Checks in England: The VBI randomised controlled trial **2020**, 17, e1003046 | | |
| 337 | Evaluation of a very brief pedometer-based physical activity intervention delivered in NHS Health Checks in England: The VBI randomised controlled trial **2020**, 17, e1003046 | | |
| 336 | Evaluation of a very brief pedometer-based physical activity intervention delivered in NHS Health Checks in England: The VBI randomised controlled trial **2020**, 17, e1003046 | | |
| 335 | Validity and reliability of an online self-report 24-h dietary recall method (Intake24): a doubly labelled water study and repeated-measures analysis. *Journal of Nutritional Science*, **2019**, 8, e29 | 2.7 | 21 |
| 334 | Associations of physical activity, sedentary time, and cardiorespiratory fitness with heart rate variability in 6- to 9-year-old children: the PANIC study. *European Journal of Applied Physiology*, **2019**, 119, 2487-2498 | 3.4 | 15 |
| 333 | The association between adherence to the Mediterranean diet and hepatic steatosis: cross-sectional analysis of two independent studies, the UK Fenland Study and the Swiss CoLaus Study. *BMC Medicine*, **2019**, 17, 19 | 11.4 | 24 |
| 332 | Discovery of biomarkers for glycaemic deterioration before and after the onset of type 2 diabetes: descriptive characteristics of the epidemiological studies within the IMI DIRECT Consortium. *Diabetologia*, **2019**, 62, 1601-1615 | 10.3 | 14 |
| 331 | Driving status, travel modes and accelerometer-assessed physical activity in younger, middle-aged and older adults: a prospective study of 90 810 UK Biobank participants. *International Journal of Epidemiology*, **2019**, 48, 1175-1186 | 7.8 | 6 |
| 330 | Specific physical activities, sedentary behaviours and sleep as long-term predictors of accelerometer-measured physical activity in 91,648 adults: a prospective cohort study. *International Journal of Behavioral Nutrition and Physical Activity*, **2019**, 16, 41 | 8.4 | 13 |
| 329 | Accumulation of saturated intramyocellular lipid is associated with insulin resistance. *Journal of Lipid Research*, **2019**, 60, 1323-1332 | 6.3 | 14 |
| 328 | The association between maternal-child physical activity levels at the transition to formal schooling: cross-sectional and prospective data from the Southampton Women's Survey. *International Journal of Behavioral Nutrition and Physical Activity*, **2019**, 16, 23 | 8.4 | 8 |
| 327 | Estimating energy expenditure from wrist and thigh accelerometry in free-living adults: a doubly labelled water study. *International Journal of Obesity*, **2019**, 43, 2333-2342 | 5.5 | 43 |
| 326 | Associations of physical activity and sedentary time with body composition in Brazilian young adults. *Scientific Reports*, **2019**, 9, 5444 | 4.9 | 10 |

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| 325 | Associations of types of dairy consumption with adiposity: cross-sectional findings from over 12 000 adults in the Fenland Study, UK. *British Journal of Nutrition*, **2019**, 122, 928-935 | 3.6 | 2 |
| 324 | Physical activity trajectories and mortality: population based cohort study. *BMJ, The*, **2019**, 365, l2323 | 5.9 | 86 |
| 323 | Substituting prolonged sedentary time and cardiovascular risk in children and youth: a meta-analysis within the International Children's Accelerometry database (ICAD). *International Journal of Behavioral Nutrition and Physical Activity*, **2019**, 16, 96 | 8.4 | 16 |
| 322 | Do older English adults exhibit day-to-day compensation in sedentary time and in prolonged sedentary bouts? An EPIC-Norfolk cohort analysis. *PLoS ONE*, **2019**, 14, e0224225 | 3.7 | 1 |
| 321 | Habitual physical activity is associated with lower fasting and greater glucose-induced GLP-1 response in men. *Endocrine Connections*, **2019**, 8, 1607-1617 | 3.5 | 1 |
| 320 | Physical Activity Surveillance Through Smartphone Apps and Wearable Trackers: Examining the UK Potential for Nationally Representative Sampling. *JMIR MHealth and UHealth*, **2019**, 7, e11898 | 5.5 | 37 |
| 319 | Physical activity levels in adults and elderly from triaxial and uniaxial accelerometry. The Tromsø Study. *PLoS ONE*, **2019**, 14, e0225670 | 3.7 | 19 |
| 318 | Descriptive epidemiology of physical activity energy expenditure in UK adults (The Fenland study). *International Journal of Behavioral Nutrition and Physical Activity*, **2019**, 16, 126 | 8.4 | 28 |
| 317 | Validation of Submaximal Step Tests and the 6-Min Walk Test for Predicting Maximal Oxygen Consumption in Young and Healthy Participants. *International Journal of Environmental Research and Public Health*, **2019**, 16, | 4.6 | 15 |
| 316 | Measures Of Adiposity And Its Association To Physical Activity In Adults: The Tromsø Study. *Medicine and Science in Sports and Exercise*, **2019**, 51, 447-447 | 1.2 | |
| 315 | Associations between maternal physical activity in early and late pregnancy and offspring birth size: remote federated individual level meta-analysis from eight cohort studies. *BJOG: an International Journal of Obstetrics and Gynaecology*, **2019**, 126, 459-470 | 3.7 | 28 |
| 314 | Systematic review and meta-analysis of the association between childhood physical activity and age at menarche. *Acta Paediatrica, International Journal of Paediatrics*, **2019**, 108, 1008-1015 | 3.1 | 12 |
| 313 | Impact of sit-stand desks at work on energy expenditure, sitting time and cardio-metabolic risk factors: Multiphase feasibility study with randomised controlled component. *Preventive Medicine Reports*, **2019**, 13, 64-72 | 2.6 | 6 |
| 312 | Physical activity energy expenditure and cardiometabolic health in three rural Kenyan populations. *American Journal of Human Biology*, **2019**, 31, e23199 | 2.7 | 3 |
| 311 | Longitudinal associations of physical activity and sedentary time with cardiometabolic risk factors in children. *Scandinavian Journal of Medicine and Science in Sports*, **2019**, 29, 113-123 | 4.6 | 24 |
| 310 | Physical activity levels in adults and elderly from triaxial and uniaxial accelerometry. The Tromsø Study **2019**, 14, e0225670 | | |
| 309 | Physical activity levels in adults and elderly from triaxial and uniaxial accelerometry. The Tromsø Study **2019**, 14, e0225670 | | |
| 308 | Physical activity levels in adults and elderly from triaxial and uniaxial accelerometry. The Tromsø Study **2019**, 14, e0225670 | | |

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| 307 | Physical activity levels in adults and elderly from triaxial and uniaxial accelerometry. The Troms Study **2019**, 14, e0225670 | | |
| 306 | Physical activity levels in adults and elderly from triaxial and uniaxial accelerometry. The Troms Study **2019**, 14, e0225670 | | |
| 305 | Physical activity levels in adults and elderly from triaxial and uniaxial accelerometry. The Troms Study **2019**, 14, e0225670 | | |
| 304 | Health-related correlates of psychological well-being among girls and boys 6-8 years of age: The Physical Activity and Nutrition in Children study. *Journal of Paediatrics and Child Health*, **2018**, 54, 506-509 | 1.3 | 4 |
| 303 | The contribution of physical fitness to individual and ethnic differences in risk markers for type 2 diabetes in children: The Child Heart and Health Study in England (CHASE). *Pediatric Diabetes*, **2018**, 19, 603-610 | 3.6 | 5 |
| 302 | Socioeconomic position and sedentary behavior in Brazilian adolescents: A life-course approach. *Preventive Medicine*, **2018**, 107, 29-35 | 4.3 | 12 |
| 301 | Development and feasibility of a wearable infant wrist band for the objective measurement of physical activity using accelerometery. *Pilot and Feasibility Studies*, **2018**, 4, 60 | 1.9 | 8 |
| 300 | Genome-wide association study for risk taking propensity indicates shared pathways with body mass index. *Communications Biology*, **2018**, 1, 36 | 6.7 | 30 |
| 299 | The combination of cardiorespiratory fitness and muscle strength, and mortality risk. *European Journal of Epidemiology*, **2018**, 33, 953-964 | 12.1 | 33 |
| 298 | Sedentary behaviour and risk of all-cause, cardiovascular and cancer mortality, and incident type 2 diabetes: a systematic review and dose response meta-analysis. *European Journal of Epidemiology*, **2018**, 33, 811-829 | 12.1 | 419 |
| 297 | Dietary cost associated with adherence to the Mediterranean diet, and its variation by socio-economic factors in the UK Fenland Study. *British Journal of Nutrition*, **2018**, 119, 685-694 | 3.6 | 36 |
| 296 | The Influence of Objectively Measured Physical Activity During Pregnancy on Maternal and Birth Outcomes in Urban Black South African Women. *Maternal and Child Health Journal*, **2018**, 22, 1190-1199 | 2.4 | 13 |
| 295 | Randomized Controlled Trial of Adding Telephone Follow-Up to an Occupational Rehabilitation Program to Increase Work Participation. *Journal of Occupational Rehabilitation*, **2018**, 28, 265-278 | 3.6 | 12 |
| 294 | Intakes and sources of dietary sugars and their association with metabolic and inflammatory markers. *Clinical Nutrition*, **2018**, 37, 1313-1322 | 5.9 | 33 |
| 293 | Genetic predisposition to adiposity is associated with increased objectively assessed sedentary time in young children. *International Journal of Obesity*, **2018**, 42, 111-114 | 5.5 | 6 |
| 292 | Wrist Acceleration Cut Points for Moderate-to-Vigorous Physical Activity in Youth. *Medicine and Science in Sports and Exercise*, **2018**, 50, 609-616 | 1.2 | 14 |
| 291 | Associations of active commuting with body fat and visceral adipose tissue: A cross-sectional population based study in the UK. *Preventive Medicine*, **2018**, 106, 86-93 | 4.3 | 9 |
| 290 | Physical activity intensity, bout-duration, and cardiometabolic risk markers in children and adolescents. *International Journal of Obesity*, **2018**, 42, 1639-1650 | 5.5 | 58 |

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| 289 | Describing the diurnal relationships between objectively measured mother and infant physical activity. *International Journal of Behavioral Nutrition and Physical Activity*, **2018**, 15, 59 | 8.4 | 3 |
| 288 | Prospective association between handgrip strength and cardiac structure and function in UK adults. *PLoS ONE*, **2018**, 13, e0193124 | 3.7 | 29 |
| 287 | Know Your Heart: Rationale, design and conduct of a cross-sectional study of cardiovascular structure, function and risk factors in 4500 men and women aged 35-69 years from two Russian cities, 2015-18. *Wellcome Open Research*, **2018**, 3, 67 | 4.8 | 24 |
| 286 | Know Your Heart: Rationale, design and conduct of a cross-sectional study of cardiovascular structure, function and risk factors in 4500 men and women aged 35-69 years from two Russian cities, 2015-18. *Wellcome Open Research*, **2018**, 3, 67 | 4.8 | 20 |
| 285 | Impact of physical activity on the risk of cardiovascular disease in middle-aged and older adults: EPIC Norfolk prospective population study. *European Journal of Preventive Cardiology*, **2018**, 25, 200-208 | 3.9 | 54 |
| 284 | Physical activity level among children recovering from severe acute malnutrition. *Tropical Medicine and International Health*, **2018**, 23, 156-163 | 2.3 | 1 |
| 283 | Associations of lifestyle factors with serum dehydroepiandrosterone sulphate and insulin-like growth factor-1 concentration in prepubertal children. *Clinical Endocrinology*, **2018**, 88, 234-242 | 3.4 | 4 |
| 282 | Protocol for evaluating the impact of a national school policy on physical activity levels in Danish children and adolescents: the PHASAR study - a natural experiment. *BMC Public Health*, **2018**, 18, 1245 | 4.1 | 8 |
| 281 | Using Accelerometers to Measure Physical Activity in Older Patients Admitted to Hospital. *Current Gerontology and Geriatrics Research*, **2018**, 2018, 3280240 | 2.9 | 15 |
| 280 | Descriptive epidemiology of changes in objectively measured sedentary behaviour and physical activity: six-year follow-up of the EPIC-Norfolk cohort. *International Journal of Behavioral Nutrition and Physical Activity*, **2018**, 15, 122 | 8.4 | 8 |
| 279 | Validity of ultrasonography to assess hepatic steatosis compared to magnetic resonance spectroscopy as a criterion method in older adults. *PLoS ONE*, **2018**, 13, e0207923 | 3.7 | 14 |
| 278 | Physical Activity, Sedentary Time, and Cardiovascular Disease Biomarkers at Age 60 to 64 Years. *Journal of the American Heart Association*, **2018**, 7, e007459 | 6 | 13 |
| 277 | Protocol for a clinical trial of text messaging in addition to standard care versus standard care alone in prevention of type 2 diabetes through lifestyle modification in India and the UK. *BMC Endocrine Disorders*, **2018**, 18, 63 | 3.3 | 2 |
| 276 | Biopsychosocial predictors and trajectories of work participation after transdiagnostic occupational rehabilitation of participants with mental and somatic disorders: a cohort study. *BMC Public Health*, **2018**, 18, 1014 | 4.1 | 9 |
| 275 | The role of physical activity in the development of first cardiovascular disease event: a tree-structured survival analysis of the Danish ADDITION-PRO cohort. *Cardiovascular Diabetology*, **2018**, 17, 126 | 8.7 | 12 |
| 274 | Using alternatives to the car and risk of all-cause, cardiovascular and cancer mortality. *Heart*, **2018**, 104, 1749-1755 | 5.1 | 24 |
| 273 | Estimating city-level travel patterns using street imagery: A case study of using Google Street View in Britain. *PLoS ONE*, **2018**, 13, e0196521 | 3.7 | 36 |
| 272 | Validation of the SenseWear Mini activity monitor in 5-12-year-old children. *Journal of Science and Medicine in Sport*, **2017**, 20, 55-59 | 4.4 | 6 |

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| 271 | Benefits of a Paleolithic diet with and without supervised exercise on fat mass, insulin sensitivity, and glycemic control: a randomized controlled trial in individuals with type 2 diabetes. *Diabetes/Metabolism Research and Reviews*, **2017**, 33, e2828 | 7.5 | 90 |
| 270 | Associations between body mass index-related genetic variants and adult body composition: The Fenland cohort study. *International Journal of Obesity*, **2017**, 41, 613-619 | 5.5 | 9 |
| 269 | Validity of visceral adiposity estimates from DXA against MRI in Kuwaiti men and women. *Nutrition and Diabetes*, **2017**, 7, e238 | 4.7 | 31 |
| 268 | Associations of Objectively Measured Physical Activity and Sedentary Time With Arterial Stiffness in Pre-Pubertal Children. *Pediatric Exercise Science*, **2017**, 29, 326-335 | 2 | 13 |
| 267 | Wrist Accelerometer Cut Points for Classifying Sedentary Behavior in Children. *Medicine and Science in Sports and Exercise*, **2017**, 49, 813-822 | 1.2 | 22 |
| 266 | Mortality Risk Reductions from Substituting Screen Time by Discretionary Activities. *Medicine and Science in Sports and Exercise*, **2017**, 49, 1111-1119 | 1.2 | 16 |
| 265 | Adiposity and grip strength as long-term predictors of objectively measured physical activity in 93 015 adults: the UK Biobank study. *International Journal of Obesity*, **2017**, 41, 1361-1368 | 5.5 | 22 |
| 264 | Physical Activity Throughout Adolescence and Hba1c in Early Adulthood: Birth Cohort Study. *Journal of Physical Activity and Health*, **2017**, 14, 375-381 | 2.5 | 1 |
| 263 | Sedentary Time and Physical Activity Surveillance Through Accelerometer Pooling in Four European Countries. *Sports Medicine*, **2017**, 47, 1421-1435 | 10.6 | 82 |
| 262 | Objective Measures of Activity in the Elderly: Distribution and Associations With Demographic and Health Factors. *Journal of the American Medical Directors Association*, **2017**, 18, 838-847 | 5.9 | 22 |
| 261 | A systematic review of methods to measure family co-participation in physical activity. *Obesity Reviews*, **2017**, 18, 1454-1472 | 10.6 | 13 |
| 260 | Large Scale Population Assessment of Physical Activity Using Wrist Worn Accelerometers: The UK Biobank Study. *PLoS ONE*, **2017**, 12, e0169649 | 3.7 | 402 |
| 259 | Built environment and physical activity: domain- and activity-specific associations among Brazilian adolescents. *BMC Public Health*, **2017**, 17, 616 | 4.1 | 18 |
| 258 | Does objectively measured physical activity modify the association between early weight gain and fat mass in young adulthood?. *BMC Public Health*, **2017**, 17, 905 | 4.1 | 4 |
| 257 | Describing objectively measured physical activity levels, patterns, and correlates in a cross sectional sample of infants and toddlers from South Africa. *International Journal of Behavioral Nutrition and Physical Activity*, **2017**, 14, 176 | 8.4 | 20 |
| 256 | Transient cardiac dysfunction but elevated cardiac and kidney biomarkers 24 h following an ultra-distance running event in Mexican Tarahumara. *Extreme Physiology and Medicine*, **2017**, 6, 3 | | 17 |
| 255 | Interplay of Socioeconomic Status and Supermarket Distance Is Associated with Excess Obesity Risk: A UK Cross-Sectional Study. *International Journal of Environmental Research and Public Health*, **2017**, 14, | 4.6 | 35 |
| 254 | Independent and joint associations of grip strength and adiposity with all-cause and cardiovascular disease mortality in 403,199 adults: the UK Biobank study. *American Journal of Clinical Nutrition*, **2017**, 106, 773-782 | 7 | 30 |

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| 253 | Mediation and modification of genetic susceptibility to obesity by eating behaviors. *American Journal of Clinical Nutrition*, **2017**, 106, 996-1004 | 7 | 37 |
| 252 | Sociodemographic, lifestyle and behavioural factors associated with consumption of sweetened beverages among adults in Cambridgeshire, UK: the Fenland Study. *Public Health Nutrition*, **2017**, 20, 2766-2777 | 3.3 | 15 |
| 251 | Physical Activity, Sedentary Time, and Fatness in a Biethnic Sample of Young Children. *Medicine and Science in Sports and Exercise*, **2017**, 49, 930-938 | 1.2 | 27 |
| 250 | Physical Activity Dimensions Associated with Impaired Glucose Metabolism. *Medicine and Science in Sports and Exercise*, **2017**, 49, 2176-2184 | 1.2 | 6 |
| 249 | Large-scale GWAS identifies multiple loci for hand grip strength providing biological insights into muscular fitness. *Nature Communications*, **2017**, 8, 16015 | 17.4 | 80 |
| 248 | Physical activity levels objectively measured among older adults: a population-based study in a Southern city of Brazil. *International Journal of Behavioral Nutrition and Physical Activity*, **2017**, 14, 13 | 8.4 | 25 |
| 247 | Validation of thigh-based accelerometer estimates of postural allocation in 5-12 year-olds. *Journal of Science and Medicine in Sport*, **2017**, 20, 273-277 | 4.4 | 6 |
| 246 | Cross-Sectional Associations of Objectively-Measured Physical Activity and Sedentary Time with Body Composition and Cardiorespiratory Fitness in Mid-Childhood: The PANIC Study. *Sports Medicine*, **2017**, 47, 769-780 | 10.6 | 47 |
| 245 | State-related differences in heart rate variability in bipolar disorder. *Journal of Psychiatric Research*, **2017**, 84, 169-173 | 5.2 | 9 |
| 244 | Correlates of Physical Activity among Young Children with Moderate Acute Malnutrition. *Journal of Pediatrics*, **2017**, 181, 235-241 | 3.6 | 6 |
| 243 | Physical activity and sedentary time in relation to academic achievement in children. *Journal of Science and Medicine in Sport*, **2017**, 20, 583-589 | 4.4 | 38 |
| 242 | The descriptive epidemiology of the diurnal profile of bouts and breaks in sedentary time in older English adults. *International Journal of Epidemiology*, **2017**, 46, 1871-1881 | 7.8 | 11 |
| 241 | Physical Activity and Abdominal Fat Distribution in Greenland. *Medicine and Science in Sports and Exercise*, **2017**, 49, 2064-2070 | 1.2 | 13 |
| 240 | Genome-wide physical activity interactions in adiposity - A meta-analysis of 200,452 adults. *PLoS Genetics*, **2017**, 13, e1006528 | 6 | 103 |
| 239 | Accelerometer-measured physical activity is not associated with two-year weight change in African-origin adults from five diverse populations. *PeerJ*, **2017**, 5, e2902 | 3.1 | 18 |
| 238 | Cardiovascular risk factors in rural Kenyans are associated with differential age gradients, but not modified by sex or ethnicity. *Annals of Human Biology*, **2016**, 43, 42-9 | 1.7 | 12 |
| 237 | Objectively measured sedentary time, physical activity and kidney function in people with recently diagnosed Type 2 diabetes: a prospective cohort analysis. *Diabetic Medicine*, **2016**, 33, 1222-9 | 3.5 | 18 |
| 236 | Predictive Validity of a Thigh-Worn Accelerometer METs Algorithm in 5- to 12-Year-old Children. *Journal of Physical Activity and Health*, **2016**, 13, S78-83 | 2.5 | 6 |

| | | | |
|---|---|---|---|
| 235 | Physical activity and incident type 2 diabetes mellitus: a systematic review and dose-response meta-analysis of prospective cohort studies. *Diabetologia*, **2016**, 59, 2527-2545 | 10.3 | 161 |
| 234 | Frequency and duration of physical activity bouts in school-aged children: A comparison within and between days. *Preventive Medicine Reports*, **2016**, 4, 585-590 | 2.6 | 14 |
| 233 | Cross-sectional study of ethnic differences in physical fitness among children of South Asian, black African-Caribbean and white European origin: the Child Heart and Health Study in England (CHASE). *BMJ Open*, **2016**, 6, e011131 | 3 | 6 |
| 232 | A randomised controlled trial of three very brief interventions for physical activity in primary care. *BMC Public Health*, **2016**, 16, 1033 | 4.1 | 69 |
| 231 | Does neighborhood fast-food outlet exposure amplify inequalities in diet and obesity? A cross-sectional study. *American Journal of Clinical Nutrition*, **2016**, 103, 1540-7 | 7 | 77 |
| 230 | The descriptive epidemiology of accelerometer-measured physical activity in older adults. *International Journal of Behavioral Nutrition and Physical Activity*, **2016**, 13, 2 | 8.4 | 65 |
| 229 | Long-term physical activity: an exogenous risk factor for sporadic amyotrophic lateral sclerosis?. *Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration*, **2016**, 17, 377-84 | 3.6 | 31 |
| 228 | State-related differences in the level of psychomotor activity in patients with bipolar disorder□ Continuous heart rate and movement monitoring. *Psychiatry Research*, **2016**, 237, 166-74 | 9.9 | 23 |
| 227 | Prospective associations between sedentary time, physical activity, fitness and cardiometabolic risk factors in people with type 2 diabetes. *Diabetologia*, **2016**, 59, 110-120 | 10.3 | 20 |
| 226 | Adiposity, physical activity and neuromuscular performance in children. *Journal of Sports Sciences*, **2016**, 34, 1699-706 | 3.6 | 9 |
| 225 | Genetic Correlation between Body Fat Percentage and Cardiorespiratory Fitness Suggests Common Genetic Etiology. *PLoS ONE*, **2016**, 11, e0166738 | 3.7 | 8 |
| 224 | Challenges and Opportunities for□Harmonizing Research Methodology: Raw Accelerometry. *Methods of Information in Medicine*, **2016**, 55, 525-532 | 1.5 | 29 |
| 223 | Home and Work Physical Activity Environments: Associations with Cardiorespiratory Fitness and Physical Activity Level in French Women. *International Journal of Environmental Research and Public Health*, **2016**, 13, | 4.6 | 5 |
| 222 | Subjective health complaints, functional ability, fear avoidance beliefs, and days on sickness benefits after work rehabilitation - a mediation model. *BMC Musculoskeletal Disorders*, **2016**, 17, 225 | 2.8 | 7 |
| 221 | Estimation of Physical Activity Energy Expenditure during Free-Living from Wrist Accelerometry in UK Adults. *PLoS ONE*, **2016**, 11, e0167472 | 3.7 | 61 |
| 220 | Are Self-report Measures Able to Define Individuals as Physically Active or Inactive?. *Medicine and Science in Sports and Exercise*, **2016**, 48, 235-44 | 1.2 | 112 |
| 219 | Objective Sedentary Time, Moderate-to-Vigorous Physical Activity, and Physical Capability in a British Cohort. *Medicine and Science in Sports and Exercise*, **2016**, 48, 421-9 | 1.2 | 29 |
| 218 | Seasonal Variation in Children□ Physical Activity and Sedentary Time. *Medicine and Science in Sports and Exercise*, **2016**, 48, 449-56 | 1.2 | 78 |

| | | | |
|---|---|---|---|
| 217 | A cross-sectional study of physical activity and sedentary behaviours in a Caribbean population: combining objective and questionnaire data to guide future interventions. *BMC Public Health*, **2016**, 16, 1036 | 4.1 | 12 |
| 216 | Occupational and leisure-time physical activity and workload among construction workers - a randomized control study. *International Journal of Occupational and Environmental Health*, **2016**, 22, 36-44 | | 12 |
| 215 | Impact of sit-stand desks at work on energy expenditure and sedentary time: protocol for a feasibility study. *Pilot and Feasibility Studies*, **2016**, 2, 30 | 1.9 | 4 |
| 214 | Mortality benefits of population-wide adherence to national physical activity guidelines: a prospective cohort study. *European Journal of Epidemiology*, **2015**, 30, 71-9 | 12.1 | 20 |
| 213 | Effects of an outdoor bicycle-based intervention in healthy rural Indian men with normal and low birth weight. *Journal of Developmental Origins of Health and Disease*, **2015**, 6, 27-37 | 2.4 | 10 |
| 212 | Prospective associations between sedentary time, sleep duration and adiposity in adolescents. *Sleep Medicine*, **2015**, 16, 717-22 | 4.6 | 27 |
| 211 | Associations of objectively measured physical activity and abdominal fat distribution. *Medicine and Science in Sports and Exercise*, **2015**, 47, 983-9 | 1.2 | 11 |
| 210 | Evaluation of Actical equations and thresholds to predict physical activity intensity in young children. *Journal of Sports Sciences*, **2015**, 33, 498-506 | 3.6 | 18 |
| 209 | Physical activity and depression: type of exercise matters--reply. *JAMA Pediatrics*, **2015**, 169, 289 | 8.3 | |
| 208 | Association of car ownership and physical activity across the spectrum of human development: Modeling the Epidemiologic Transition Study (METS). *BMC Public Health*, **2015**, 15, 173 | 4.1 | 32 |
| 207 | Perceived family functioning and friendship quality: cross-sectional associations with physical activity and sedentary behaviours. *International Journal of Behavioral Nutrition and Physical Activity*, **2015**, 12, 23 | 8.4 | 12 |
| 206 | Physical activity and capacity at initiation of antiretroviral treatment in HIV patients in Ethiopia. *Epidemiology and Infection*, **2015**, 143, 1048-58 | 4.3 | 18 |
| 205 | Higher physical activity is associated with lower aortic stiffness but not with central blood pressure: the ADDITION-Pro Study. *Medicine (United States)*, **2015**, 94, e485 | 1.8 | 11 |
| 204 | Patterns and correlates of objectively measured free-living physical activity in adults in rural and urban Cameroon. *Journal of Epidemiology and Community Health*, **2015**, 69, 700-7 | 5.1 | 24 |
| 203 | Reply to H Pareja-Galeano et al. *American Journal of Clinical Nutrition*, **2015**, 101, 1101 | 7 | 11 |
| 202 | Protocol for Get Moving: a randomised controlled trial to assess the effectiveness of three minimal contact interventions to promote fitness and physical activity in working adults. *BMC Public Health*, **2015**, 15, 296 | 4.1 | 10 |
| 201 | Physical Activity and Mental Well-being in a Cohort Aged 60-64 Years. *American Journal of Preventive Medicine*, **2015**, 49, 172-80 | 6.1 | 37 |
| 200 | Physical activity energy expenditure vs cardiorespiratory fitness level in impaired glucose metabolism. *Diabetologia*, **2015**, 58, 2709-17 | 10.3 | 10 |

| | | | |
|---|---|---|---|
| 199 | Muscle strength in youth and cardiovascular risk in young adulthood (the European Youth Heart Study). *British Journal of Sports Medicine*, **2015**, 49, 90-4 | 10.3 | 77 |
| 198 | Does the importance of dietary costs for fruit and vegetable intake vary by socioeconomic position?. *British Journal of Nutrition*, **2015**, 114, 1464-70 | 3.6 | 41 |
| 197 | The cross-sectional association between snacking behaviour and measures of adiposity: the Fenland Study, UK. *British Journal of Nutrition*, **2015**, 114, 1286-93 | 3.6 | 62 |
| 196 | Magnitude and determinants of change in objectively-measured physical activity, sedentary time and sleep duration from ages 15 to 17.5y in UK adolescents: the ROOTS study. *International Journal of Behavioral Nutrition and Physical Activity*, **2015**, 12, 61 | 8.4 | 32 |
| 195 | Revising on the run or studying on the sofa: prospective associations between physical activity, sedentary behaviour, and exam results in British adolescents. *International Journal of Behavioral Nutrition and Physical Activity*, **2015**, 12, 106 | 8.4 | 41 |
| 194 | Utilization and Harmonization of Adult Accelerometry Data: Review and Expert Consensus. *Medicine and Science in Sports and Exercise*, **2015**, 47, 2129-39 | 1.2 | 169 |
| 193 | Estimation of Free-Living Energy Expenditure by Heart Rate and Movement Sensing: A Doubly-Labelled Water Study. *PLoS ONE*, **2015**, 10, e0137206 | 3.7 | 86 |
| 192 | Examining the causal association of fasting glucose with blood pressure in healthy children and adolescents: a Mendelian randomization study employing common genetic variants of fasting glucose. *Journal of Human Hypertension*, **2015**, 29, 179-84 | 2.6 | 3 |
| 191 | Electronic monitoring of psychomotor activity as a supplementary objective measure of depression severity. *Nordic Journal of Psychiatry*, **2015**, 69, 118-25 | 2.3 | 12 |
| 190 | Corticosteroid or placebo injection combined with deep transverse friction massage, Mills manipulation, stretching and eccentric exercise for acute lateral epicondylitis: a randomised, controlled trial. *BMC Musculoskeletal Disorders*, **2015**, 16, 122 | 2.8 | 24 |
| 189 | Quantifying the physical activity energy expenditure of commuters using a combination of global positioning system and combined heart rate and movement sensors. *Preventive Medicine*, **2015**, 81, 339-44 | 4.3 | 45 |
| 188 | Physical activity, sedentary time and gain in overall and central body fat: 7-year follow-up of the ProActive trial cohort. *International Journal of Obesity*, **2015**, 39, 142-8 | 5.5 | 56 |
| 187 | Sleep duration and cardiometabolic risk factors among individuals with type 2 diabetes. *Sleep Medicine*, **2015**, 16, 119-25 | 4.6 | 13 |
| 186 | Physical activity and all-cause mortality across levels of overall and abdominal adiposity in European men and women: the European Prospective Investigation into Cancer and Nutrition Study (EPIC). *American Journal of Clinical Nutrition*, **2015**, 101, 613-21 | 7 | 219 |
| 185 | The impact of health behaviours on incident cardiovascular disease in Europeans and South Asians--a prospective analysis in the UK SABRE study. *PLoS ONE*, **2015**, 10, e0117364 | 3.7 | 20 |
| 184 | Physical activity, sedentary time and physical capability in early old age: British birth cohort study. *PLoS ONE*, **2015**, 10, e0126465 | 3.7 | 39 |
| 183 | Conceptual Framework: Disability Evaluation and Vocational Rehabilitation. *Handbooks in Health, Work, and Disability*, **2015**, 3-10 | | 5 |
| 182 | Work Disability Evaluation. *Handbooks in Health, Work, and Disability*, **2015**, 107-139 | | 6 |

| | | | |
|---|---|---|---|
| 181 | Cross-sectional associations of objectively measured physical activity, cardiorespiratory fitness and anthropometry in European adults. *Obesity*, **2014**, 22, E127-34 | 8 | 16 |
| 180 | Multiple behaviour change intervention and outcomes in recently diagnosed type 2 diabetes: the ADDITION-Plus randomised controlled trial. *Diabetologia*, **2014**, 57, 1308-19 | 10.3 | 23 |
| 179 | Levels and patterns of objectively-measured physical activity volume and intensity distribution in UK adolescents: the ROOTS study. *International Journal of Behavioral Nutrition and Physical Activity*, **2014**, 11, 23 | 8.4 | 70 |
| 178 | Combined influence of epoch length, cut-point and bout duration on accelerometry-derived physical activity. *International Journal of Behavioral Nutrition and Physical Activity*, **2014**, 11, 34 | 8.4 | 60 |
| 177 | Levels of physical activity among a nationally representative sample of people in early old age: results of objective and self-reported assessments. *International Journal of Behavioral Nutrition and Physical Activity*, **2014**, 11, 58 | 8.4 | 47 |
| 176 | Validation and calibration of the activPAL for estimating METs and physical activity in 4-6 year olds. *Journal of Science and Medicine in Sport*, **2014**, 17, 602-6 | 4.4 | 16 |
| 175 | Validation of an Internet-Based Long Version of the International Physical Activity Questionnaire in Danish Adults Using Combined Accelerometry and Heart Rate Monitoring. *Journal of Physical Activity and Health*, **2014**, 11, 654-664 | 2.5 | 13 |
| 174 | Autocalibration of accelerometer data for free-living physical activity assessment using local gravity and temperature: an evaluation on four continents. *Journal of Applied Physiology*, **2014**, 117, 738-44 | 3.7 | 258 |
| 173 | Validation of activPAL defined sedentary time and breaks in sedentary time in 4- to 6-year-olds. *Pediatric Exercise Science*, **2014**, 26, 110-7 | 2 | 19 |
| 172 | Validation of an Internet-based long version of the International Physical Activity Questionnaire in Danish adults using combined accelerometry and heart rate monitoring. *Journal of Physical Activity and Health*, **2014**, 11, 654-64 | 2.5 | 31 |
| 171 | Reliability and validity of a domain-specific last 7-d sedentary time questionnaire. *Medicine and Science in Sports and Exercise*, **2014**, 46, 1248-60 | 1.2 | 86 |
| 170 | Comparison of the EPIC Physical Activity Questionnaire with combined heart rate and movement sensing in a nationally representative sample of older British adults. *PLoS ONE*, **2014**, 9, e87085 | 3.7 | 26 |
| 169 | Validity of electronically administered Recent Physical Activity Questionnaire (RPAQ) in ten European countries. *PLoS ONE*, **2014**, 9, e92829 | 3.7 | 55 |
| 168 | Patterns of leisure-time physical activity participation in a British birth cohort at early old age. *PLoS ONE*, **2014**, 9, e98901 | 3.7 | 16 |
| 167 | The use of combined heart rate response and accelerometry to assess the level and predictors of physical activity in tuberculosis patients in Tanzania. *Epidemiology and Infection*, **2014**, 142, 1334-42 | 4.3 | 4 |
| 166 | Effects of nutritional supplementation for HIV patients starting antiretroviral treatment: randomised controlled trial in Ethiopia. *BMJ, The*, **2014**, 348, g3187 | 5.9 | 46 |
| 165 | Normalization of elevated cardiac, kidney, and hemolysis plasma markers within 48 h in Mexican Tarahumara runners following a 78 km race at moderate altitude. *American Journal of Human Biology*, **2014**, 26, 836-43 | 2.7 | 17 |
| 164 | Serum carbon and nitrogen stable isotopes as potential biomarkers of dietary intake and their relation with incident type 2 diabetes: the EPIC-Norfolk study. *American Journal of Clinical Nutrition*, **2014**, 100, 708-18 | 7 | 29 |

| | | | |
|---|---|---|---|
| 163 | Physical activity across adulthood in relation to fat and lean body mass in early old age: findings from the Medical Research Council National Survey of Health and Development, 1946-2010. *American Journal of Epidemiology*, **2014**, 179, 1197-207 | 3.8 | 60 |
| 162 | A mixed ecologic-cohort comparison of physical activity & weight among young adults from five populations of African origin. *BMC Public Health*, **2014**, 14, 397 | 4.1 | 24 |
| 161 | Comparisons of intensity-duration patterns of physical activity in the US, Jamaica and 3 African countries. *BMC Public Health*, **2014**, 14, 882 | 4.1 | 27 |
| 160 | Exercise and depressive symptoms in adolescents: a longitudinal cohort study. *JAMA Pediatrics*, **2014**, 168, 1093-100 | 8.3 | 51 |
| 159 | Physical activity levels in three Brazilian birth cohorts as assessed with raw triaxial wrist accelerometry. *International Journal of Epidemiology*, **2014**, 43, 1959-68 | 7.8 | 127 |
| 158 | Children treated for severe acute malnutrition experience a rapid increase in physical activity a few days after admission. *Journal of Pediatrics*, **2014**, 164, 1421-4 | 3.6 | 16 |
| 157 | Increasing objectively measured sedentary time increases clustered cardiometabolic risk: a 6 year analysis of the ProActive study. *Diabetologia*, **2014**, 57, 305-12 | 10.3 | 56 |
| 156 | A prospective study of the association between the readiness for return to work scale and future work participation in Norway. *Journal of Occupational Rehabilitation*, **2014**, 24, 650-7 | 3.6 | 5 |
| 155 | Association between objectively assessed sedentary time and physical activity with metabolic risk factors among people with recently diagnosed type 2 diabetes. *Diabetologia*, **2014**, 57, 73-82 | 10.3 | 75 |
| 154 | Long-term effects of a Palaeolithic-type diet in obese postmenopausal women: a 2-year randomized trial. *European Journal of Clinical Nutrition*, **2014**, 68, 350-7 | 5.2 | 133 |
| 153 | Psychometric properties of the readiness for return to work scale in inpatient occupational rehabilitation in Norway. *Journal of Occupational Rehabilitation*, **2013**, 23, 371-80 | 3.6 | 15 |
| 152 | Physical activity energy expenditure is associated with 2-h insulin independently of obesity among Inuit in Greenland. *Diabetes Research and Clinical Practice*, **2013**, 102, 242-9 | 7.4 | 12 |
| 151 | Physical activity energy expenditure and glucose control in pregnant women with type 1 diabetes: is 30 minutes of daily exercise enough?. *Diabetes Care*, **2013**, 36, 1095-101 | 14.6 | 18 |
| 150 | Socio-demographic and behavioural correlates of physical activity perception in individuals with recently diagnosed diabetes: results from a cross-sectional study. *BMC Public Health*, **2013**, 13, 678 | 4.1 | 8 |
| 149 | Commentary: physical activity and obesity; scientific uncertainty and the art of public health messaging. *International Journal of Epidemiology*, **2013**, 42, 1843-5 | 7.8 | 12 |
| 148 | Impact of study design on development and evaluation of an activity-type classifier. *Journal of Applied Physiology*, **2013**, 114, 1042-51 | 3.7 | 42 |
| 147 | Rate of weight gain predicts change in physical activity levels: a longitudinal analysis of the EPIC-Norfolk cohort. *International Journal of Obesity*, **2013**, 37, 404-9 | 5.5 | 51 |
| 146 | Independent and combined association of muscle strength and cardiorespiratory fitness in youth with insulin resistance and cell function in young adulthood: the European Youth Heart Study. *Diabetes Care*, **2013**, 36, 2575-81 | 14.6 | 57 |

| | | | |
|---|---|---|---|
| 145 | Identification of heart rate-associated loci and their effects on cardiac conduction and rhythm disorders. *Nature Genetics*, **2013**, 45, 621-31 | 36.3 | 219 |
| 144 | Combined heart rate- and accelerometer-assessed physical activity energy expenditure and associations with glucose homeostasis markers in a population at high risk of developing diabetes: the ADDITION-PRO study. *Diabetes Care*, **2013**, 36, 3062-9 | 14.6 | 30 |
| 143 | Simple anthropometrics are more correlated with health variables than are estimates of body composition in Yup'ik people. *Obesity*, **2013**, 21, E435-8 | 8 | 2 |
| 142 | Heritability of objectively assessed daily physical activity and sedentary behavior. *American Journal of Clinical Nutrition*, **2013**, 98, 1317-25 | 7 | 104 |
| 141 | Gene–physical activity interactions in obesity: combined analysis of 111,421 individuals of European ancestry. *PLoS Genetics*, **2013**, 9, e1003607 | 6 | 145 |
| 140 | Practical utility and reliability of whole-room calorimetry in young children. *British Journal of Nutrition*, **2013**, 109, 1917-22 | 3.6 | 8 |
| 139 | Screen time viewing behaviors and isometric trunk muscle strength in youth. *Medicine and Science in Sports and Exercise*, **2013**, 45, 1975-80 | 1.2 | 6 |
| 138 | Physical activity intensity, sedentary time, and body composition in preschoolers. *American Journal of Clinical Nutrition*, **2013**, 97, 1020-8 | 7 | 95 |
| 137 | Sedentary time in children: influence of accelerometer processing on health relations. *Medicine and Science in Sports and Exercise*, **2013**, 45, 1097-104 | 1.2 | 40 |
| 136 | Validity of the international physical activity questionnaire in the arctic. *Medicine and Science in Sports and Exercise*, **2013**, 45, 728-36 | 1.2 | 21 |
| 135 | Defective mitochondrial function in vivo in skeletal muscle in adults with Down's syndrome: a 31P-MRS study. *PLoS ONE*, **2013**, 8, e84031 | 3.7 | 18 |
| 134 | Rare variants in single-minded 1 (SIM1) are associated with severe obesity. *Journal of Clinical Investigation*, **2013**, 123, 3042-50 | 15.9 | 107 |
| 133 | Separating movement and gravity components in an acceleration signal and implications for the assessment of human daily physical activity. *PLoS ONE*, **2013**, 8, e61691 | 3.7 | 369 |
| 132 | Predictive validity and classification accuracy of ActiGraph energy expenditure equations and cut-points in young children. *PLoS ONE*, **2013**, 8, e79124 | 3.7 | 100 |
| 131 | Criterion validity of a 10-category scale for ranking physical activity in Norwegian women. *International Journal of Behavioral Nutrition and Physical Activity*, **2012**, 9, 2 | 8.4 | 45 |
| 130 | Validity of a short questionnaire to assess physical activity in 10 European countries. *European Journal of Epidemiology*, **2012**, 27, 15-25 | 12.1 | 154 |
| 129 | Differences in psychomotor activity in patients suffering from unipolar and bipolar affective disorder in the remitted or mild/moderate depressive state. *Journal of Affective Disorders*, **2012**, 141, 457-63 | 6.6 | 56 |
| 128 | Cardiorespiratory fitness and physical activity in Luo, Kamba, and Maasai of rural Kenya. *American Journal of Human Biology*, **2012**, 24, 723-9 | 2.7 | 33 |

| | | | |
|---|---|---|---|
| 127 | Level and intensity of objectively assessed physical activity among pregnant women from urban Ethiopia. *BMC Pregnancy and Childbirth*, **2012**, 12, 154 | 3.2 | 12 |
| 126 | A systematic review of reliability and objective criterion-related validity of physical activity questionnaires. *International Journal of Behavioral Nutrition and Physical Activity*, **2012**, 9, 103 | 8.4 | 381 |
| 125 | Mechanical and free living comparisons of four generations of the Actigraph activity monitor. *International Journal of Behavioral Nutrition and Physical Activity*, **2012**, 9, 113 | 8.4 | 76 |
| 124 | Physical activity, cardio-respiratory fitness, and metabolic traits in rural Mexican Tarahumara. *American Journal of Human Biology*, **2012**, 24, 558-61 | 2.7 | 15 |
| 123 | Physical activity reduces the risk of incident type 2 diabetes in general and in abdominally lean and obese men and women: the EPIC-InterAct Study. *Diabetologia*, **2012**, 55, 1944-52 | 10.3 | 61 |
| 122 | Mitochondrial oxidative phosphorylation is impaired in patients with congenital lipodystrophy. *Journal of Clinical Endocrinology and Metabolism*, **2012**, 97, E438-42 | 5.6 | 21 |
| 121 | Methods of Measurement in epidemiology: sedentary Behaviour. *International Journal of Epidemiology*, **2012**, 41, 1460-71 | 7.8 | 356 |
| 120 | Validity of reporting oxygen uptake efficiency slope from submaximal exercise using respiratory exchange ratio as secondary criterion. *Pulmonary Medicine*, **2012**, 2012, 874020 | 5.3 | 11 |
| 119 | No interactions between previously associated 2-hour glucose gene variants and physical activity or BMI on 2-hour glucose levels. *Diabetes*, **2012**, 61, 1291-6 | 0.9 | 21 |
| 118 | Modeling physical activity outcomes from wearable monitors. *Medicine and Science in Sports and Exercise*, **2012**, 44, S50-60 | 1.2 | 80 |
| 117 | Estimating energy expenditure from raw accelerometry in three types of locomotion. *Medicine and Science in Sports and Exercise*, **2012**, 44, 2235-42 | 1.2 | 19 |
| 116 | Fat-free mass mediates the association between birth weight and aerobic fitness in youth. *Pediatric Obesity*, **2011**, 6, e590-6 | | 10 |
| 115 | Validation of ultrasound estimates of visceral fat in black South African adolescents. *Obesity*, **2011**, 19, 1892-7 | 8 | 28 |
| 114 | Between-monitor differences in step counts are related to body size: implications for objective physical activity measurement. *PLoS ONE*, **2011**, 6, e18942 | 3.7 | 12 |
| 113 | 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. *BMC Public Health*, **2011**, 11, 927 | 4.1 | 47 |
| 112 | Protocol for the ADDITION-Plus study: a randomised controlled trial of an individually-tailored behaviour change intervention among people with recently diagnosed type 2 diabetes under intensive UK general practice care. *BMC Public Health*, **2011**, 11, 211 | 4.1 | 21 |
| 111 | Television viewing time independently predicts all-cause and cardiovascular mortality: the EPIC Norfolk study. *International Journal of Epidemiology*, **2011**, 40, 150-9 | 7.8 | 222 |
| 110 | Accuracy and validity of a combined heart rate and motion sensor for the measurement of free-living physical activity energy expenditure in adults in Cameroon. *International Journal of Epidemiology*, **2011**, 40, 112-20 | 7.8 | 95 |

| | | | |
|---|---|---|---|
| 109 | Physical activity and gain in abdominal adiposity and body weight: prospective cohort study in 288,498 men and women. *American Journal of Clinical Nutrition*, **2011**, 93, 826-35 | 7 | 95 |
| 108 | Urbanization, physical activity, and metabolic health in sub-Saharan Africa. *Diabetes Care*, **2011**, 34, 491-6 | 14.6 | 121 |
| 107 | Do physical activity and aerobic fitness moderate the association between birth weight and metabolic risk in youth?: the European Youth Heart Study. *Diabetes Care*, **2011**, 34, 187-92 | 14.6 | 29 |
| 106 | Obesity-susceptibility loci have a limited influence on birth weight: a meta-analysis of up to 28,219 individuals. *American Journal of Clinical Nutrition*, **2011**, 93, 851-60 | 7 | 50 |
| 105 | NOS3 variants, physical activity, and blood pressure in the European Youth Heart Study. *American Journal of Hypertension*, **2011**, 24, 444-50 | 2.3 | 9 |
| 104 | Association of genetic Loci with glucose levels in childhood and adolescence: a meta-analysis of over 6,000 children. *Diabetes*, **2011**, 60, 1805-12 | 0.9 | 83 |
| 103 | Hemodynamic variables during exercise in childhood and resting systolic blood pressure levels 6 years later in adolescence: the European Youth Heart Study. *Journal of Human Hypertension*, **2011**, 25, 608-14 | 2.6 | 12 |
| 102 | Physical activity attenuates the influence of FTO variants on obesity risk: a meta-analysis of 218,166 adults and 19,268 children. *PLoS Medicine*, **2011**, 8, e1001116 | 11.6 | 379 |
| 101 | Mitochondrial dysfunction in patients with primary congenital insulin resistance. *Journal of Clinical Investigation*, **2011**, 121, 2457-61 | 15.9 | 78 |
| 100 | Does birth weight influence physical activity in youth? A combined analysis of four studies using objectively measured physical activity. *PLoS ONE*, **2011**, 6, e16125 | 3.7 | 48 |
| 99 | Television viewing and incident cardiovascular disease: prospective associations and mediation analysis in the EPIC Norfolk Study. *PLoS ONE*, **2011**, 6, e20058 | 3.7 | 76 |
| 98 | Estimation of daily energy expenditure in pregnant and non-pregnant women using a wrist-worn tri-axial accelerometer. *PLoS ONE*, **2011**, 6, e22922 | 3.7 | 144 |
| 97 | Ultrasound measurements of visceral and subcutaneous abdominal thickness to predict abdominal adiposity among older men and women. *Obesity*, **2010**, 18, 625-31 | 8 | 85 |
| 96 | Lack of association between PCK1 polymorphisms and obesity, physical activity, and fitness in European Youth Heart Study (EYHS). *Obesity*, **2010**, 18, 1975-80 | 8 | 5 |
| 95 | Physical activity energy expenditure of adolescents in India. *Obesity*, **2010**, 18, 2212-9 | 8 | 16 |
| 94 | Estimating physical activity energy expenditure, sedentary time, and physical activity intensity by self-report in adults. *American Journal of Clinical Nutrition*, **2010**, 91, 106-14 | 7 | 177 |
| 93 | Structured functional assessments in general practice increased the use of part-time sick leave: a cluster randomised controlled trial. *Scandinavian Journal of Public Health*, **2010**, 38, 192-9 | 3 | 7 |
| 92 | Genetic susceptibility to obesity and related traits in childhood and adolescence: influence of loci identified by genome-wide association studies. *Diabetes*, **2010**, 59, 2980-8 | 0.9 | 113 |

| | | | |
|---|---|---|---|
| 91 | Computed tomography-based validation of abdominal adiposity measurements from ultrasonography, dual-energy X-ray absorptiometry and anthropometry. *British Journal of Nutrition*, **2010**, 104, 582-8 | 3.6 | 72 |
| 90 | **2010**, | | 11 |
| 89 | Neck pain is often a part of widespread pain and is associated with reduced functioning. *Spine*, **2010** , 35, E1285-9 | 3.3 | 20 |
| 88 | The effects of aerobic exercise on metabolic risk, insulin sensitivity and intrahepatic lipid in healthy older people from the Hertfordshire Cohort Study: a randomised controlled trial. *Diabetologia*, **2010**, 53, 624-31 | 10.3 | 74 |
| 87 | Objectively measured sedentary time may predict insulin resistance independent of moderate- and vigorous-intensity physical activity. *Diabetes*, **2009**, 58, 1776-9 | 0.9 | 172 |
| 86 | Objectively measured moderate- and vigorous-intensity physical activity but not sedentary time predicts insulin resistance in high-risk individuals. *Diabetes Care*, **2009**, 32, 1081-6 | 14.6 | 130 |
| 85 | Common genetic determinants of glucose homeostasis in healthy children: the European Youth Heart Study. *Diabetes*, **2009**, 58, 2939-45 | 0.9 | 45 |
| 84 | Prevalence and correlates of the metabolic syndrome in a population-based sample of European youth. *American Journal of Clinical Nutrition*, **2009**, 89, 90-6 | 7 | 110 |
| 83 | Free-living physical activity energy expenditure is strongly related to glucose intolerance in Cameroonian adults independently of obesity. *Diabetes Care*, **2009**, 32, 367-9 | 14.6 | 17 |
| 82 | Physiotherapy alone or in combination with corticosteroid injection for acute lateral epicondylitis in general practice: a protocol for a randomised, placebo-controlled study. *BMC Musculoskeletal Disorders*, **2009**, 10, 152 | 2.8 | 13 |
| 81 | PPARGC1A sequence variation and cardiovascular risk-factor levels: a study of the main genetic effects and gene x environment interactions in children from the European Youth Heart Study. *Diabetologia*, **2009**, 52, 609-13 | 10.3 | 13 |
| 80 | Implementing structured functional assessments in general practice for persons with long-term sick leave: a cluster randomised controlled trial. *BMC Family Practice*, **2009**, 10, 31 | 2.6 | 17 |
| 79 | Randomized controlled trial of the efficacy of aerobic exercise in reducing metabolic risk in healthy older people: The Hertfordshire Physical Activity Trial. *BMC Endocrine Disorders*, **2009**, 9, 15 | 3.3 | 8 |
| 78 | Genetic variation in LIN28B is associated with the timing of puberty. *Nature Genetics*, **2009**, 41, 729-33 | 36.3 | 258 |
| 77 | Predicting physical activity energy expenditure using accelerometry in adults from sub-Sahara Africa. *Obesity*, **2009**, 17, 1588-95 | 8 | 34 |
| 76 | Modulation of blood pressure by central melanocortinergic pathways. *New England Journal of Medicine*, **2009**, 360, 44-52 | 59.2 | 358 |
| 75 | Absence of association between the INSIG2 gene polymorphism (rs7566605) and obesity in the European Youth Heart Study (EYHS). *Obesity*, **2009**, 17, 1453-7 | 8 | 12 |
| 74 | Intergeneration accelerometer differences and correction for on-board frequency-based filtering. *Journal of Applied Physiology*, **2009**, 106, 1473; author reply 1474 | 3.7 | 4 |

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|---|---|---|---|
| 73 | Gaussian process robust regression for noisy heart rate data. *IEEE Transactions on Biomedical Engineering*, **2008**, 55, 2143-51 | 5 | 134 |
| 72 | A randomised comparison of a four- and a five-point scale version of the Norwegian Function Assessment Scale. *Health and Quality of Life Outcomes*, **2008**, 6, 14 | 3 | 27 |
| 71 | Assessment of physical activity in youth. *Journal of Applied Physiology*, **2008**, 105, 977-87 | 3.7 | 382 |
| 70 | Development of ICF core set for disability evaluation in social security. *Disability and Rehabilitation*, **2008**, 30, 1392-6 | 2.4 | 62 |
| 69 | Habitual energy expenditure modifies the association between NOS3 gene polymorphisms and blood pressure. *American Journal of Hypertension*, **2008**, 21, 297-302 | 2.3 | 17 |
| 68 | Physical activity, cardiorespiratory fitness, and the metabolic syndrome in youth. *Journal of Applied Physiology*, **2008**, 105, 342-51 | 3.7 | 172 |
| 67 | Relationship between subdomains of total physical activity and mortality. *Medicine and Science in Sports and Exercise*, **2008**, 40, 1909-15 | 1.2 | 72 |
| 66 | How GPs in Norway conceptualise functional ability: a focus group study. *British Journal of General Practice*, **2008**, 58, 850-5 | 1.6 | 28 |
| 65 | Time spent being sedentary and weight gain in healthy adults: reverse or bidirectional causality?. *American Journal of Clinical Nutrition*, **2008**, 88, 612-7 | 7 | 181 |
| 64 | The association of intensity and overall level of physical activity energy expenditure with a marker of insulin resistance. *Diabetologia*, **2008**, 51, 1399-407 | 10.3 | 52 |
| 63 | Comparison of equations for predicting energy expenditure from accelerometer counts in children. *Scandinavian Journal of Medicine and Science in Sports*, **2008**, 18, 643-50 | 4.6 | 26 |
| 62 | New rules meet established sickness certification practice: a focus-group study on the introduction of functional assessments in Norwegian primary care. *Scandinavian Journal of Primary Health Care*, **2007**, 25, 172-7 | 2.7 | 32 |
| 61 | Low cardiorespiratory fitness is a strong predictor for clustering of cardiovascular disease risk factors in children independent of country, age and sex. *European Journal of Cardiovascular Prevention and Rehabilitation*, **2007**, 14, 526-31 | | 198 |
| 60 | Physical activity energy expenditure may mediate the relationship between plasma leptin levels and worsening insulin resistance independently of adiposity. *Journal of Applied Physiology*, **2007**, 102, 1921-6 | 3.7 | 15 |
| 59 | Does physical activity equally predict gain in fat mass among obese and nonobese young adults?. *International Journal of Obesity*, **2007**, 31, 65-71 | 5.5 | 19 |
| 58 | Functional ability in a population: normative survey data and reliability for the ICF based Norwegian Function Assessment Scale. *BMC Public Health*, **2007**, 7, 278 | 4.1 | 26 |
| 57 | Can access to psychiatric health care explain regional differences in disability pension with psychiatric disorders?. *Social Psychiatry and Psychiatric Epidemiology*, **2007**, 42, 366-71 | 4.5 | 3 |
| 56 | PPARGC1A coding variation may initiate impaired NEFA clearance during glucose challenge. *Diabetologia*, **2007**, 50, 569-73 | 10.3 | 19 |

| | | | |
|---|---|---|---|
| 55 | Independent associations of physical activity and cardiorespiratory fitness with metabolic risk factors in children: the European youth heart study. *Diabetologia*, **2007**, 50, 1832-1840 | 10.3 | 394 |
| 54 | Increase in physical activity energy expenditure is associated with reduced metabolic risk independent of change in fatness and fitness. *Diabetes Care*, **2007**, 30, 2101-6 | 14.6 | 95 |
| 53 | Health complaints and sickness absence in Norway, 1996-2003. *Occupational Medicine*, **2007**, 57, 43-9 | 2.1 | 76 |
| 52 | Comparison of two Actigraph models for assessing free-living physical activity in Indian adolescents. *Journal of Sports Sciences*, **2007**, 25, 1607-11 | 3.6 | 92 |
| 51 | Association of weight gain in infancy and early childhood with metabolic risk in young adults. *Journal of Clinical Endocrinology and Metabolism*, **2007**, 92, 98-103 | 5.6 | 243 |
| 50 | Hierarchy of individual calibration levels for heart rate and accelerometry to measure physical activity. *Journal of Applied Physiology*, **2007**, 103, 682-92 | 3.7 | 226 |
| 49 | Accelerometers and pedometers: methodology and clinical application. *Current Opinion in Clinical Nutrition and Metabolic Care*, **2007**, 10, 597-603 | 3.8 | 213 |
| 48 | Emotional distress as a predictor for low back disability: a prospective 12-year population-based study. *Spine*, **2007**, 32, 269-74 | 3.3 | 42 |
| 47 | Comparison of two methods to assess PAEE during six activities in children. *Medicine and Science in Sports and Exercise*, **2007**, 39, 2180-8 | 1.2 | 60 |
| 46 | Increase in sickness absence with psychiatric diagnosis in Norway: a general population-based epidemiologic study of age, gender and regional distribution. *BMC Medicine*, **2006**, 4, 19 | 11.4 | 61 |
| 45 | TV viewing and physical activity are independently associated with metabolic risk in children: the European Youth Heart Study. *PLoS Medicine*, **2006**, 3, e488 | 11.6 | 391 |
| 44 | Disability pension for psychiatric disorders: regional differences in Norway 1988-2000. *Nordic Journal of Psychiatry*, **2006**, 60, 255-62 | 2.3 | 8 |
| 43 | Prevalence of low back pain and sickness absence: a "borderline" study in Norway and Sweden. *Scandinavian Journal of Public Health*, **2006**, 34, 555-8 | 3 | 48 |
| 42 | Physical activity and clustered cardiovascular risk in children: a cross-sectional study (The European Youth Heart Study). *Lancet, The*, **2006**, 368, 299-304 | 40 | 1024 |
| 41 | Physical activity and cardiovascular risk in children □AuthorsPreply. *Lancet, The*, **2006**, 368, 1326-1327 | 40 | 5 |
| 40 | Upward weight percentile crossing in infancy and early childhood independently predicts fat mass in young adults: the Stockholm Weight Development Study (SWEDES). *American Journal of Clinical Nutrition*, **2006**, 83, 324-30 | 7 | 260 |
| 39 | Criterion-related validity of the last 7-day, short form of the International Physical Activity Questionnaire in Swedish adults. *Public Health Nutrition*, **2006**, 9, 258-65 | 3.3 | 300 |
| 38 | Effect of combined movement and heart rate monitor placement on physical activity estimates during treadmill locomotion and free-living. *European Journal of Applied Physiology*, **2006**, 96, 517-24 | 3.4 | 89 |

| | | | |
|---|---|---|---|
| 37 | Comparison of PAEE from combined and separate heart rate and movement models in children. *Medicine and Science in Sports and Exercise*, **2005**, 37, 1761-7 | 1.2 | 101 |
| 36 | Integration of physiological and accelerometer data to improve physical activity assessment. *Medicine and Science in Sports and Exercise*, **2005**, 37, S563-71 | 1.2 | 71 |
| 35 | The European Youth Heart Study□Cardiovascular Disease Risk Factors in Children: Rationale, Aims, Study Design, and Validation of Methods. *Journal of Physical Activity and Health*, **2005**, 2, 115-129 | 2.5 | 163 |
| 34 | Leptin predicts a worsening of the features of the metabolic syndrome independently of obesity. *Obesity*, **2005**, 13, 1476-84 | | 126 |
| 33 | Reliability and validity of the combined heart rate and movement sensor Actiheart. *European Journal of Clinical Nutrition*, **2005**, 59, 561-70 | 5.2 | 485 |
| 32 | Associations between physical activity and fat mass in adolescents: the Stockholm Weight Development Study. *American Journal of Clinical Nutrition*, **2005**, 81, 355-60 | 7 | 43 |
| 31 | Physical activity energy expenditure predicts changes in body composition in middle-aged healthy whites: effect modification by age. *American Journal of Clinical Nutrition*, **2005**, 81, 964-9 | 7 | 45 |
| 30 | PPARGC1A genotype (Gly482Ser) predicts exceptional endurance capacity in European men. *Journal of Applied Physiology*, **2005**, 99, 344-8 | 3.7 | 92 |
| 29 | Variation in the eNOS gene modifies the association between total energy expenditure and glucose intolerance. *Diabetes*, **2005**, 54, 2795-801 | 0.9 | 22 |
| 28 | Physical activity energy expenditure predicts progression toward the metabolic syndrome independently of aerobic fitness in middle-aged healthy Caucasians: the Medical Research Council Ely Study. *Diabetes Care*, **2005**, 28, 1195-200 | 14.6 | 167 |
| 27 | Association between physical activity and blood pressure is modified by variants in the G-protein coupled receptor 10. *Hypertension*, **2004**, 43, 224-8 | 8.5 | 25 |
| 26 | Doctors□prediction of certified sickness absence. *Family Practice*, **2004**, 21, 192-8 | 1.9 | 24 |
| 25 | Objectively measured physical activity correlates with indices of insulin resistance in Danish children. The European Youth Heart Study (EYHS). *International Journal of Obesity*, **2004**, 28, 1503-8 | 5.5 | 77 |
| 24 | Features of the metabolic syndrome are associated with objectively measured physical activity and fitness in Danish children: the European Youth Heart Study (EYHS). *Diabetes Care*, **2004**, 27, 2141-8 | 14.6 | 399 |
| 23 | Does the association of habitual physical activity with the metabolic syndrome differ by level of cardiorespiratory fitness?. *Diabetes Care*, **2004**, 27, 1187-93 | 14.6 | 159 |
| 22 | Physical activity in young children. *Lancet, The*, **2004**, 363, 1163; author reply 1163-4 | 40 | 12 |
| 21 | Associations between objectively assessed physical activity and indicators of body fatness in 9- to 10-y-old European children: a population-based study from 4 distinct regions in Europe (the European Youth Heart Study). *American Journal of Clinical Nutrition*, **2004**, 80, 584-90 | 7 | 299 |
| 20 | 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, 851-6 | 7 | 91 |

| | | | |
|---|---|---|---|
| 19 | Branched equation modeling of simultaneous accelerometry and heart rate monitoring improves estimate of directly measured physical activity energy expenditure. *Journal of Applied Physiology*, **2004**, 96, 343-51 | 3.7 | 317 |
| 18 | Reexamination of validity and reliability of the CSA monitor in walking and running. *Medicine and Science in Sports and Exercise*, **2003**, 35, 1447-54 | 1.2 | 242 |
| 17 | PGC-1alpha genotype modifies the association of volitional energy expenditure with [OV0312]O2max. *Medicine and Science in Sports and Exercise*, **2003**, 35, 1998-2004 | 1.2 | 33 |
| 16 | Influence of Step Frequency on Movement Intensity Predictions with the CSA Accelerometer: A Field Validation Study in Children. *Pediatric Exercise Science*, **2003**, 15, 277-287 | 2 | 45 |
| 15 | Reliability and Validity of the Computer Science and Applications Accelerometer in a Mechanical Setting. *Measurement in Physical Education and Exercise Science*, **2003**, 7, 101-119 | 1.9 | 63 |
| 14 | Duration of employment is not a predictor of disability of cleaners: a longitudinal study. *Scandinavian Journal of Public Health*, **2003**, 31, 63-8 | 3 | 12 |
| 13 | Work ability assessed by patients and their GPs in new episodes of sickness certification. *Family Practice*, **2000**, 17, 139-44 | 1.9 | 45 |
| 12 | The gender gap in musculoskeletal-related long-term sickness absence in Norway. *Scandinavian Journal of Public Health*, **1998**, 26, 34-43 | | 61 |
| 11 | Occupation-specific morbidity of musculoskeletal disease in Norway. *Scandinavian Journal of Public Health*, **1997**, 25, 50-7 | | 22 |
| 10 | ICPC as a standard classification in Norway. *Family Practice*, **1996**, 13, 391-6 | 1.9 | 55 |
| 9 | The use of case histories to explore concepts of disease, illness and sickness certification. *Family Practice*, **1995**, 12, 75-83 | 1.9 | 13 |
| 8 | Assessment of sickness certification and concepts of musculoskeletal disease and illness in the general population. *Scandinavian Journal of Primary Health Care*, **1995**, 13, 188-96 | 2.7 | 6 |
| 7 | Know Your Heart: Rationale, design and conduct of a cross-sectional study of cardiovascular structure, function and risk factors in 4500 men and women aged 35-69 years from two Russian cities, 2015-18. *Wellcome Open Research*,3, 67 | 4.8 | 13 |
| 6 | Estimating maximal oxygen consumption from heart rate response to submaximal ramped treadmill test | | 1 |
| 5 | Resting heart rate as a biomarker for tracking change in cardiorespiratory fitness of UK adults: The Fenland Study | | 7 |
| 4 | Number of days required to estimate objectively measured physical activity constructs in different age groups | | 1 |
| 3 | Detecting sleep in free-living conditions without sleep-diaries: a device-agnostic, wearable heart rate sensing approach | | 1 |
| 2 | Development and validation of total and regional body composition prediction equations from anthropometry and single frequency segmental bioelectrical impedance with DEXA | | 1 |

1 Descriptive epidemiology of energy expenditure in the UK: Findings from the National Diet and Nutrition Survey 2008–2015 1