Ulf Ekelund

List of Publications by Year in Descending Order

391 papers	43,883 citations	88 h-index	205 g-index
411 ext. papers	52,918 ext. citations	6.3 avg, IF	7.31 L-index

#	Paper	IF	Citations
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	1.5	
390	Daily steps and all-cause mortality: a meta-analysis of 15 international cohorts.. *Lancet Public Health, The*, **2022**, 7, e219-e228	21.8	5
389	Recommendations for Determining the Validity of Consumer Wearables and Smartphones for the Estimation of Energy Expenditure: Expert Statement and Checklist of the INTERLIVE Network.. *Sports Medicine*, **2022**, 1	10.2	0
388	Cross-sectional and longitudinal associations of active travel, organised sport and physical education with accelerometer-assessed moderate-to-vigorous physical activity in young people: the International Children's Accelerometry Database.. *International Journal of Behavioral Nutrition and Physical Activity*, **2022**, 19, 41	8	0
387	Total energy expenditure is repeatable in adults but not associated with short-term changes in body composition.. *Nature Communications*, **2022**, 13, 99	16.9	
386	Associations of lipoprotein particle profile and objectively measured physical activity and sedentary time in schoolchildren: a prospective cohort study.. *International Journal of Behavioral Nutrition and Physical Activity*, **2022**, 19, 5	8	0
385	Validity of Estimating the Maximal Oxygen Consumption by Consumer Wearables: A Systematic Review with Meta-analysis and Expert Statement of the INTERLIVE Network.. *Sports Medicine*, **2022**, 1	10.2	0
384	Effect modification by cardiorespiratory fitness on the association between physical activity and cardiometabolic health in youth: A systematic review. *Journal of Sports Sciences*, **2021**, 39, 845-853	3.4	1
383	Physical Activity and Mortality Across Levels of Adiposity: A Prospective Cohort Study From the UK Biobank. *Mayo Clinic Proceedings*, **2021**, 96, 105-119	6.2	5
382	Tai Chi for Chronic Illness Management: Synthesizing Current Evidence from Meta-Analyses of Randomized Controlled Trials. *American Journal of Medicine*, **2021**, 134, 194-205.e12	2.3	3
381	Recommendations for determining the validity of consumer wearable heart rate devices: expert statement and checklist of the INTERLIVE Network. *British Journal of Sports Medicine*, **2021**, 55, 767-779	9.8	15
380	Association of accelerometer-derived step volume and intensity with hospitalizations and mortality in older adults: A prospective cohort study. *Journal of Sport and Health Science*, **2021**,	7.9	5
379	The bidirectional associations between leisure time physical activity change and body mass index gain. The Troms Study 1974-2016. *International Journal of Obesity*, **2021**, 45, 1830-1843	5.2	2
378	Occupational physical activity and longevity in working men and women in Norway: a prospective cohort study. *Lancet Public Health, The*, **2021**, 6, e386-e395	21.8	17
377	Association between Personal Activity Intelligence (PAI) and body weight in a population free from cardiovascular disease - The HUNT study. *Lancet Regional Health - Europe, The*, **2021**, 5, 100091		
376	Striking the Right Balance: Evidence to Inform Combined Physical Activity and Sedentary Behavior Recommendations. *Journal of Physical Activity and Health*, **2021**, 18, 631-637	2.4	3
375	Physical activity and the risk of SARS-CoV-2 infection, severe COVID-19 illness and COVID-19 related mortality in South Korea: a nationwide cohort study. *British Journal of Sports Medicine*, **2021**,	9.8	22

374	Physical activity behaviours in adolescence: current evidence and opportunities for intervention. *Lancet, The*, **2021**, 398, 429-442	36.2	22
373	No association between maternal exercise during pregnancy and the child's weight status at age 7 years: The MoBa study. *Scandinavian Journal of Medicine and Science in Sports*, **2021**, 31, 1991-2001	4.4	
372	Energy compensation and adiposity in humans. *Current Biology*, **2021**, 31, 4659-4666.e2	6.1	8
371	The role of occupational physical activity on longevity - Authors' reply. *Lancet Public Health, The*, **2021**, 6, e545	21.8	
370	Daily energy expenditure through the human life course. *Science*, **2021**, 373, 808-812	32.2	37
369	Physical activity and fat-free mass during growth and in later life. *American Journal of Clinical Nutrition*, **2021**, 114, 1583-1589	6.6	5
368	A standard calculation methodology for human doubly labeled water studies. *Cell Reports Medicine*, **2021**, 2, 100203	17.5	17
367	Cross-sectional and prospective associations between aerobic fitness and lipoprotein particle profile in a cohort of Norwegian schoolchildren. *Atherosclerosis*, **2021**, 321, 21-29	1.4	2
366	Bi-directional prospective associations between sedentary time, physical activity and adiposity in 10-year old Norwegian children. *Journal of Sports Sciences*, **2021**, 39, 1772-1779	3.4	0
365	Fitness, Fatness, and Mortality in Men and Women From the UK Biobank: Prospective Cohort Study. *Journal of the American Heart Association*, **2021**, 10, e019605	5.7	5
364	Associations of physical activity, sedentary time, and diet quality with biomarkers of inflammation in children. *European Journal of Sport Science*, **2021**, 1-10	3.7	2
363	Emergency department crowding and mortality in 14 Swedish emergency departments, a cohort study leveraging the Swedish Emergency Registry (SVAR). *PLoS ONE*, **2021**, 16, e0247881	3.6	0
362	Sliding down the risk factor rankings: reasons for and consequences of the dramatic downgrading of physical activity in the Global Burden of Disease 2019. *British Journal of Sports Medicine*, **2021**, 55, 1222-1223	9.8	0
361	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	3.4	
360	Temporal trends in physical activity levels across more than a decade - a national physical activity surveillance system among Norwegian children and adolescents. *International Journal of Behavioral Nutrition and Physical Activity*, **2021**, 18, 55	8	4
359	Diagnostic accuracy of the HEART Pathway and EDACS-ADP when combined with a 0-hour/1-hour hs-cTnT protocol for assessment of acute chest pain patients. *Emergency Medicine Journal*, **2021**, 38, 808-813	1.4	3
358	Associations between Device-measured Physical Activity and Cardiometabolic Health in the Transition to Early Adulthood. *Medicine and Science in Sports and Exercise*, **2021**, 53, 2076-2085	0.6	0
357	Effects of a school-based physical activity intervention on academic performance in 14-year old adolescents: a cluster randomized controlled trial - the School in Motion study. *BMC Public Health*, **2021**, 21, 871	4	3

356	Dietary risk versus physical inactivity: a forced comparison with policy implications?. *Lancet, The*, **2021**, 397, 1709-1710	36.2	
355	Recommendations for determining the validity of consumer wearable and smartphone step count: expert statement and checklist of the INTERLIVE network. *British Journal of Sports Medicine*, **2021**, 55, 780-793	9.8	10
354	Aerobic fitness mediates the intervention effects of a school-based physical activity intervention on academic performance. The school in Motion study - A cluster randomized controlled trial.. *Preventive Medicine Reports*, **2021**, 24, 101648	2.5	1
353	Cross-sectional and prospective associations of sleep duration and bedtimes with adiposity and obesity risk in 15 810 youth from 11 international cohorts. *Pediatric Obesity*, **2021**, e12873	4.4	
352	Towards better evidence-informed global action: lessons learnt from the Lancet series and recent developments in physical activity and public health. *British Journal of Sports Medicine*, **2020**, 54, 462-468	9.8	49
351	Sedentary behavior compensation to 1-year exercise RCT in patients with type 2 diabetes. *Translational Sports Medicine*, **2020**, 3, 154-163	1.2	0
350	Associations between accelerometry measured physical activity and sedentary time and the metabolic syndrome: A meta-analysis of more than 6000 children and adolescents. *Pediatric Obesity* , **2020**, 15, e12578	4.4	28
349	Objectively Measured Physical Activity Reduces the Risk of Mortality among Brazilian Older Adults. *Journal of the American Geriatrics Society*, **2020**, 68, 137-146	5.4	8
348	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	3.6	18
347	Optimal measuring point for ST deviation in chest pain patients with possible acute coronary syndrome. *Journal of Electrocardiology*, **2020**, 58, 165-170	1.4	0
346	Cardiorespiratory Fitness, Physical Activity, and Insulin Resistance in Children. *Medicine and Science in Sports and Exercise*, **2020**, 52, 1144-1152	0.6	8
345	Prevalence of accelerometer-measured physical activity in adolescents in Fit Futures - part of the Troms Study. *BMC Public Health*, **2020**, 20, 1127	4	
344	World Health Organization 2020 guidelines on physical activity and sedentary behaviour. *British Journal of Sports Medicine*, **2020**, 54, 1451-1462	9.8	981
343	Joint associations of accelero-meter measured physical activity and sedentary time with all-cause mortality: a harmonised meta-analysis in more than 44 000 middle-aged and older individuals. *British Journal of Sports Medicine*, **2020**, 54, 1499-1506	9.8	35
342	2020 WHO guidelines on physical activity and sedentary behaviour for children and adolescents aged 5-17 years: summary of the evidence. *International Journal of Behavioral Nutrition and Physical Activity*, **2020**, 17, 141	8	93
341	New global guidelines on sedentary behaviour and health for adults: broadening the behavioural targets. *International Journal of Behavioral Nutrition and Physical Activity*, **2020**, 17, 151	8	38
340	Advancing the global physical activity agenda: recommendations for future research by the 2020 WHO physical activity and sedentary behavior guidelines development group. *International Journal of Behavioral Nutrition and Physical Activity*, **2020**, 17, 143	8	48
339	The effect of a school-based intervention on physical activity, cardiorespiratory fitness and muscle strength: the School in Motion cluster randomized trial. *International Journal of Behavioral Nutrition and Physical Activity*, **2020**, 17, 154	8	9

338	Pre- and post-natal factors and physical activity in childhood: The Norwegian Mother, Father and Child Cohort study. *Scandinavian Journal of Medicine and Science in Sports*, **2020**, 30, 2264-2274	4.4	
337	Effectiveness and Safety of the European Society of Cardiology 0-/1-h Troponin Rule-Out Protocol: The Design of the ESC-TROP Multicenter Implementation Study. *Cardiology*, **2020**, 145, 685-692	1.5	1
336	Step by step: Association of device-measured daily steps with all-cause mortality-A prospective cohort Study. *Scandinavian Journal of Medicine and Science in Sports*, **2020**, 30, 1705-1711	4.4	17
335	Birth weight, cardiometabolic risk factors and effect modification of physical activity in children and adolescents: pooled data from 12 international studies. *International Journal of Obesity*, **2020**, 44, 2052-2063	5.2	1
334	Changes in Physical Activity and Sedentary Patterns on Cardiometabolic Outcomes in the Transition to Adolescence: International Children Accelerometry Database 2.0. *Journal of Pediatrics*, **2020**, 225, 166-173.e1	3.5	2
333	Systematic review of the prospective association of daily step counts with risk of mortality, cardiovascular disease, and dysglycemia. *International Journal of Behavioral Nutrition and Physical Activity*, **2020**, 17, 78	8	59
332	Variations in accelerometry measured physical activity and sedentary time across Europe - harmonized analyses of 47,497 children and adolescents. *International Journal of Behavioral Nutrition and Physical Activity*, **2020**, 17, 38	8	63
331	Accelerometer-measured physical activity and sedentary time in a cohort of US adults followed for up to 13 years: the influence of removing early follow-up on associations with mortality. *International Journal of Behavioral Nutrition and Physical Activity*, **2020**, 17, 39	8	19
330	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	4.7	2
329	Physical Activity During the Coronavirus (COVID-19) Pandemic: Prevention of a Decline in Metabolic and Immunological Functions. *Frontiers in Sports and Active Living*, **2020**, 2, 57	2.1	62
328	Changes in physical activity and sedentary time during adolescence: Gender differences during weekdays and weekend days. *Scandinavian Journal of Medicine and Science in Sports*, **2020**, 30, 1265-1275	4.4	15
327	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	3.2	15
326	Do declines in occupational physical activity contribute to population gains in body mass index? Troms Study 1974-2016. *Occupational and Environmental Medicine*, **2020**,	2	3
325	Substituting prolonged sedentary time and cardiovascular risk in children and youth: a meta-analysis within the International Children Accelerometry database (ICAD). *International Journal of Behavioral Nutrition and Physical Activity*, **2019**, 16, 96	8	14
324	Dose-response associations between accelerometry measured physical activity and sedentary time and all cause mortality: systematic review and harmonised meta-analysis. *BMJ, The*, **2019**, 366, l4570	5.7	386
323	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	3.2	13
322	Measuring change in trials of physical activity interventions: a comparison of self-report questionnaire and accelerometry within the PACE-UP trial. *International Journal of Behavioral Nutrition and Physical Activity*, **2019**, 16, 10	8	27
321	Associations of physical activity and sedentary time with lipoprotein subclasses in Norwegian schoolchildren: The Active Smarter Kids (ASK) study. *Atherosclerosis*, **2019**, 288, 186-193	1.4	4

320	Early life risk factors for childhood obesity-Does physical activity modify the associations? The MoBa cohort study. *Scandinavian Journal of Medicine and Science in Sports*, **2019**, 29, 1636-1646	4.4	12
319	Effect of pedometer-based walking interventions on long-term health outcomes: Prospective 4-year follow-up of two randomised controlled trials using routine primary care data. *PLoS Medicine* , **2019**, 16, e1002836	11.3	13
318	Age is associated with increased mortality in the RETTS-A triage scale. *BMC Geriatrics*, **2019**, 19, 139	4	7
317	Sitting Time, Physical Activity, and Risk of Mortality in Adults. *Journal of the American College of Cardiology*, **2019**, 73, 2062-2072	4.6	168
316	Physical Activity in the Prevention of Weight Gain: the Impact of Measurement and Interpretation of Associations. *Current Obesity Reports*, **2019**, 8, 66-76	8	7
315	Is the time right for quantitative public health guidelines on sitting? A narrative review of sedentary behaviour research paradigms and findings. *British Journal of Sports Medicine*, **2019**, 53, 377-382	9.8	133
314	Do the associations of sedentary behaviour with cardiovascular disease mortality and cancer mortality differ by physical activity level? A systematic review and harmonised meta-analysis of data from 850 060 participants. *British Journal of Sports Medicine*, **2019**, 53, 886-894	9.8	101
313	How many days are needed to estimate wrist-worn accelerometry-assessed physical activity during the second trimester in pregnancy?. *PLoS ONE*, **2019**, 14, e0211442	3.6	6
312	Associations of physical activity and sedentary time with body composition in Brazilian young adults. *Scientific Reports*, **2019**, 9, 5444	4.7	10
311	Is vigorous-intensity physical activity required for improving bone mass in adolescence? Findings from a Brazilian birth cohort. *Osteoporosis International*, **2019**, 30, 1307-1315	5.2	4
310	Any public health guidelines should always be developed from a consistent, clear evidence base. *British Journal of Sports Medicine*, **2019**, 53, 1555-1556	9.8	4
309	Physical activity levels in adults and elderly from triaxial and uniaxial accelerometry. The Troms Study. *PLoS ONE*, **2019**, 14, e0225670	3.6	18
308	Comparability of accelerometer signal aggregation metrics across placements and dominant wrist cut points for the assessment of physical activity in adults. *Scientific Reports*, **2019**, 9, 18235	4.7	24
307	Fitness Mediates Activity and Sedentary Patterns Associations with Adiposity in Youth. *Medicine and Science in Sports and Exercise*, **2019**, 51, 323-329	0.6	11
306	Comment on: "Cardiorespiratory Fitness in Childhood and Adolescence Affects Future Cardiovascular Risk Factors: A Systematic Review of Longitudinal Studies". *Sports Medicine*, **2019**, 49, 159-161	10.2	4
305	Will new physical activity guidelines prevent weight gain?. *Nature Reviews Endocrinology*, **2019**, 15, 131-132	8.4	4
304	Why complicate an important task? An orderly display of the limb leads in the 12-lead electrocardiogram and its implications for recognition of acute coronary syndrome. *BMC Cardiovascular Disorders*, **2019**, 19, 13	2.2	1
303	Monitoring population levels of physical activity and sedentary time in Norway across the lifespan. *Scandinavian Journal of Medicine and Science in Sports*, **2019**, 29, 105-112	4.4	29

302	The prospective association between objectively measured sedentary time, moderate-to-vigorous physical activity and cardiometabolic risk factors in youth: a systematic review and meta-analysis. *Obesity Reviews*, **2019**, 20, 55-74	10.2	51
301	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	4.4	23
300	Comparability of published cut-points for the assessment of physical activity: Implications for data harmonization. *Scandinavian Journal of Medicine and Science in Sports*, **2019**, 29, 566-574	4.4	45
299	AuthorsPreply to Johnson. *BMJ, The*, **2019**, 366, l5715	5.7	1
298	Physical activity levels in adults and elderly from triaxial and uniaxial accelerometry. The Troms Study **2019**, 14, e0225670		
297	Physical activity levels in adults and elderly from triaxial and uniaxial accelerometry. The Troms Study **2019**, 14, e0225670		
296	Physical activity levels in adults and elderly from triaxial and uniaxial accelerometry. The Troms Study **2019**, 14, e0225670		
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294	Physical activity levels in adults and elderly from triaxial and uniaxial accelerometry. The Troms Study **2019**, 14, e0225670		
293	Physical activity levels in adults and elderly from triaxial and uniaxial accelerometry. The Troms Study **2019**, 14, e0225670		
292	Cross-Sectional Associations of Reallocating Time Between Sedentary and Active Behaviours on Cardiometabolic Risk Factors in Young People: An International Children Accelerometry Database (ICAD) Analysis. *Sports Medicine*, **2018**, 48, 2401-2412	10.2	36
291	Prevalence and correlates of screen time among Brazilian adolescents: findings from a country-wide survey. *Applied Physiology, Nutrition and Metabolism*, **2018**, 43, 684-690	2.8	7
290	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	3.4	5
289	Socioeconomic position and sedentary behavior in Brazilian adolescents: A life-course approach. *Preventive Medicine*, **2018**, 107, 29-35	4.1	11
288	Infographic: Physical activity, sitting time and mortality. *British Journal of Sports Medicine*, **2018**, 52, 1164-1165	9.8	3
287	Effectiveness of a childhood obesity prevention programme delivered through schools, targeting 6 and 7 year olds: cluster randomised controlled trial (WAVES study). *BMJ, The*, **2018**, 360, k211	5.7	74
286	Correlates of accelerometer-assessed physical activity in pregnancy-The 2015 Pelotas (Brazil) Birth Cohort Study. *Scandinavian Journal of Medicine and Science in Sports*, **2018**, 28, 1934-1945	4.4	5
285	Secular and longitudinal physical activity changes in population-based samples of children and adolescents. *Scandinavian Journal of Medicine and Science in Sports*, **2018**, 28, 161-171	4.4	58

284	Wrist Acceleration Cut Points for Moderate-to-Vigorous Physical Activity in Youth. *Medicine and Science in Sports and Exercise*, **2018**, 50, 609-616	0.6	13
283	Associations of multiple unhealthy lifestyle behaviors with overweight/obesity and abdominal obesity among Brazilian adolescents: A country-wide survey. *Nutrition, Metabolism and Cardiovascular Diseases*, **2018**, 28, 765-774	3.6	13
282	Reproducibility of domain-specific physical activity over two seasons in children. *BMC Public Health*, **2018**, 18, 821	4	3
281	Physical activity intensity, bout-duration, and cardiometabolic risk markers in children and adolescents. *International Journal of Obesity*, **2018**, 42, 1639-1650	5.2	57
280	Cross-sectional and prospective associations between sleep, screen time, active school travel, sports/exercise participation and physical activity in children and adolescents. *BMC Public Health*, **2018**, 18, 705	4	17
279	Interpreting population reach of a large, successful physical activity trial delivered through primary care. *BMC Public Health*, **2018**, 18, 170	4	5
278	Relating process evaluation measures to complex intervention outcomes: findings from the PACE-UP primary care pedometer-based walking trial. *Trials*, **2018**, 19, 58	2.7	10
277	A systematic literature review of reviews on techniques for physical activity measurement in adults: a DEDIPAC study. *International Journal of Behavioral Nutrition and Physical Activity*, **2018**, 15, 15	8	133
276	Physical activity levels in adults and older adults 3-4 years after pedometer-based walking interventions: Long-term follow-up of participants from two randomised controlled trials in UK primary care. *PLoS Medicine*, **2018**, 15, e1002526	11.3	33
275	A cross-sectional and prospective analyse of reallocating sedentary time to physical activity on children's cardiorespiratory fitness. *Journal of Sports Sciences*, **2018**, 36, 1720-1726	3.4	8
274	The objective CORE score allows early rule out in acute chest pain patients. *Scandinavian Cardiovascular Journal*, **2018**, 52, 308-314	1.9	7
273	Reference values for cardiometabolic risk scores in children and adolescents: Suggesting a common standard. *Atherosclerosis*, **2018**, 278, 299-306	1.4	33
272	Short-term and long-term cost-effectiveness of a pedometer-based exercise intervention in primary care: a within-trial analysis and beyond-trial modelling. *BMJ Open*, **2018**, 8, e021978	2.9	4
271	The independent and joint associations of physical activity and body mass index with myocardial infarction: The Tromsø Study. *Preventive Medicine*, **2018**, 116, 94-98	4.1	8
270	Are consumption of dairy products and physical activity independently related to bone mineral density of 6-year-old children? Longitudinal and cross-sectional analyses in a birth cohort from Brazil. *Public Health Nutrition*, **2018**, 21, 2654-2664	3.1	4
269	Does cardiorespiratory fitness moderate the prospective association between physical activity and cardiometabolic risk factors in children?. *International Journal of Obesity*, **2018**, 42, 1029-1038	5.2	11
268	The West Midlands ActiVe lifestyle and healthy Eating in School children (WAVES) study: a cluster randomised controlled trial testing the clinical effectiveness and cost-effectiveness of a multifaceted obesity prevention intervention programme targeted at children aged 6-7 years. *Health Technology Assessment*, **2018**, 22, 1-608	4.3	9
267	A pedometer-based walking intervention in 45- to 75-year-olds, with and without practice nurse support: the PACE-UP three-arm cluster RCT. *Health Technology Assessment*, **2018**, 22, 1-274	4.3	11

266	Reproducibility of objectively measured physical activity and sedentary time over two seasons in children; Comparing a day-by-day and a week-by-week approach. *PLoS ONE*, **2017**, 12, e0189304	3.6	25
265	Built environment and physical activity: domain- and activity-specific associations among Brazilian adolescents. *BMC Public Health*, **2017**, 17, 616	4	18
264	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	4
263	Determinants of diet and physical activity (DEDIPAC): a summary of findings. *International Journal of Behavioral Nutrition and Physical Activity*, **2017**, 14, 150	8	39
262	Harmonising data on the correlates of physical activity and sedentary behaviour in young people: Methods and lessons learnt from the international Children‚ Accelerometry database (ICAD). *International Journal of Behavioral Nutrition and Physical Activity*, **2017**, 14, 174	8	7
261	Does adiposity mediate the relationship between physical activity and biological risk factors in youth?: a cross-sectional study from the International Children‚ Accelerometry Database (ICAD). *International Journal of Obesity*, **2017**,	5.2	3
260	Physical Activity and Improvement of Glycemia in Prediabetes by Different Diagnostic Criteria. *Journal of Clinical Endocrinology and Metabolism*, **2017**, 102, 3712-3721	5.4	10
259	Objectively measured sedentary time and physical activity and associations with body weight gain: does body weight determine a decline in moderate and vigorous intensity physical activity?. *International Journal of Obesity*, **2017**, 41, 1769-1774	5.2	35
258	Physical Activity and Sedentary Time Associations with Metabolic Health Across Weight Statuses in Children and Adolescents. *Obesity*, **2017**, 25, 1762-1769	7.7	27
257	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	24
256	Sedentary patterns, physical activity and health-related physical fitness in youth: a cross-sectional study. *International Journal of Behavioral Nutrition and Physical Activity*, **2017**, 14, 25	8	45
255	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	2.9	6
254	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	10.2	47
253	Evaluation of raw acceleration sedentary thresholds in children and adults. *Scandinavian Journal of Medicine and Science in Sports*, **2017**, 27, 1814-1823	4.4	111
252	Does body mass index modify the association between physical activity and screen time with cardiometabolic risk factors in adolescents? Findings from a country-wide survey. *International Journal of Obesity*, **2017**, 41, 551-559	5.2	19
251	Physical activity and sedentary time in relation to academic achievement in children. *Journal of Science and Medicine in Sport*, **2017**, 20, 583-589	2.9	35
250	Validation of the SenseWear Mini activity monitor in 5-12-year-old children. *Journal of Science and Medicine in Sport*, **2017**, 20, 55-59	2.9	6
249	Cross-sectional and prospective impact of reallocating sedentary time to physical activity on children‚ body composition. *Pediatric Obesity*, **2017**, 12, 373-379	4.4	22

248	Associations of Objectively Measured Physical Activity and Sedentary Time With Arterial Stiffness in Pre-Pubertal Children. *Pediatric Exercise Science*, **2017**, 29, 326-335	1.9	11
247	Effects of early physical exercise on later health - AuthorsPreply. *Lancet, The*, **2017**, 389, 801	36.2	1
246	A 0-Hour/1-Hour Protocol for Safe, Early Discharge of Chest Pain Patients. *Academic Emergency Medicine*, **2017**, 24, 983-992	3.3	19
245	Wrist Accelerometer Cut Points for Classifying Sedentary Behavior in Children. *Medicine and Science in Sports and Exercise*, **2017**, 49, 813-822	0.6	22
244	Cross-sectional and prospective associations between physical activity, body mass index and waist circumference in children and adolescents. *Obesity Science and Practice*, **2017**, 3, 249-257	2.5	10
243	Reallocating sedentary time to moderate-to-vigorous physical activity but not to light-intensity physical activity is effective to reduce adiposity among youths: a systematic review and meta-analysis. *Obesity Reviews*, **2017**, 18, 1088-1095	10.2	31
242	Physical Activity Throughout Adolescence and Hba1c in Early Adulthood: Birth Cohort Study. *Journal of Physical Activity and Health*, **2017**, 14, 375-381	2.4	1
241	Moderate-to-vigorous physical activity, but not sedentary time, predicts changes in cardiometabolic risk factors in 10-y-old children: the Active Smarter Kids Study. *American Journal of Clinical Nutrition* , **2017**, 105, 1391-1398	6.6	34
240	Accelerometer Data Collection and Processing Criteria to Assess Physical Activity and Other Outcomes: A Systematic Review and Practical Considerations. *Sports Medicine*, **2017**, 47, 1821-1845	10.2	644
239	Objectively measured physical activity and sedentary time in young adults born preterm-The ESTER study. *Pediatric Research*, **2017**, 81, 550-555	3.1	8
238	Sedentary Time and Physical Activity Surveillance Through Accelerometer Pooling in Four European Countries. *Sports Medicine*, **2017**, 47, 1421-1435	10.2	73
237	Objectively-measured physical activity in children is influenced by social indicators rather than biological lifecourse factors: Evidence from a Brazilian cohort. *Preventive Medicine*, **2017**, 97, 40-44	4.1	4
236	Worldwide trends in body-mass index, underweight, overweight, and obesity from 1975 to 2016: a pooled analysis of 2416 population-based measurement studies in 128 million children, adolescents, and adults. *Lancet, The*, **2017**, 390, 2627-2642	36.2	2936
235	Effect of a Primary Care Walking Intervention with and without Nurse Support on Physical Activity Levels in 45- to 75-Year-Olds: The Pedometer And Consultation Evaluation (PACE-UP) Cluster Randomised Clinical Trial. *PLoS Medicine*, **2017**, 14, e1002210	11.3	49
234	Validation of energy intake from a web-based food recall for children and adolescents. *PLoS ONE*, **2017**, 12, e0178921	3.6	10
233	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
232	Variation in population levels of physical activity in European adults according to cross-European studies: a systematic literature review within DEDIPAC. *International Journal of Behavioral Nutrition and Physical Activity*, **2016**, 13, 72	8	59
231	Variation in population levels of physical activity in European children and adolescents according to cross-European studies: a systematic literature review within DEDIPAC. *International Journal of Behavioral Nutrition and Physical Activity*, **2016**, 13, 70	8	92

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