

Jakob Tarp

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,974
citations

471509

17
h-index

289244

40
g-index

43
all docs

43
docs citations

43
times ranked

3264
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Dose-response associations between accelerometry measured physical activity and sedentary time and all cause mortality: systematic review and harmonised meta-analysis. <i>BMJ: British Medical Journal</i> , 2019, 366, l4570. | 2.3 | 856 |
| 2 | Joint associations of accelerometer-measured physical activity and sedentary time with all-cause mortality: a harmonised meta-analysis in more than 44 000 middle-aged and older individuals. <i>British Journal of Sports Medicine</i> , 2020, 54, 1499-1506. | 6.7 | 161 |
| 3 | Cardiorespiratory fitness, muscular strength and risk of type 2 diabetes: a systematic review and meta-analysis. <i>Diabetologia</i> , 2019, 62, 1129-1142. | 6.3 | 104 |
| 4 | Physical activity intensity, bout-duration, and cardiometabolic risk markers in children and adolescents. <i>International Journal of Obesity</i> , 2018, 42, 1639-1650. | 3.4 | 102 |
| 5 | Associations of Adiposity and Aerobic Fitness with Executive Function and Math Performance in Danish Adolescents. <i>Journal of Pediatrics</i> , 2015, 167, 810-815. | 1.8 | 67 |
| 6 | Do extra compulsory physical education lessons mean more physically active children - findings from the childhood health, activity, and motor performance school study Denmark (The CHAMPS-study DK). <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2014, 11, 121. | 4.6 | 64 |
| 7 | Effectiveness of a School-Based Physical Activity Intervention on Cognitive Performance in Danish Adolescents: LCoMotion – Learning, Cognition and Motion – A Cluster Randomized Controlled Trial. <i>PLoS ONE</i> , 2016, 11, e0158087. | 2.5 | 58 |
| 8 | Associations Between Aerobic Fitness and Cognitive Control in Adolescents. <i>Frontiers in Psychology</i> , 2018, 9, 1298. | 2.1 | 51 |
| 9 | Occupational physical activity and longevity in working men and women in Norway: a prospective cohort study. <i>Lancet Public Health</i> , The, 2021, 6, e386-e395. | 10.0 | 49 |
| 10 | Physical activity and mortality: what is the dose response and how big is the effect?. <i>British Journal of Sports Medicine</i> , 2020, 54, 1125-1126. | 6.7 | 47 |
| 11 | 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. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020, 17, 39. | 4.6 | 38 |
| 12 | School-based interventions modestly increase physical activity and cardiorespiratory fitness but are least effective for youth who need them most: an individual participant pooled analysis of 20 controlled trials. <i>British Journal of Sports Medicine</i> , 2021, 55, 721-729. | 6.7 | 36 |
| 13 | Associations of Physical Activity, Sports Participation and Active Commuting on Mathematic Performance and Inhibitory Control in Adolescents. <i>PLoS ONE</i> , 2016, 11, e0146319. | 2.5 | 32 |
| 14 | Step by step: Association of device-measured daily steps with all-cause mortality – A prospective cohort Study. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 1705-1711. | 2.9 | 31 |
| 15 | Quantification of Underestimation of Physical Activity During Cycling to School When Using Accelerometry. <i>Journal of Physical Activity and Health</i> , 2015, 12, 701-707. | 2.0 | 29 |
| 16 | Physical activity, sedentary behavior, and long-term cardiovascular risk in young people: A review and discussion of methodology in prospective studies. <i>Journal of Sport and Health Science</i> , 2016, 5, 145-150. | 6.5 | 28 |
| 17 | Influence of a 2- to 6-year physical education intervention on scholastic performance: The CHAMPS study. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 228-236. | 2.9 | 17 |
| 18 | Cross-sectional associations of objectively measured physical activity with brain-derived neurotrophic factor in adolescents. <i>Physiology and Behavior</i> , 2017, 171, 87-91. | 2.1 | 16 |

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|----|--|-----|-----------|
| 19 | Physical Activity and Mortality Across Levels of Adiposity. Mayo Clinic Proceedings, 2021, 96, 105-119. | 3.0 | 16 |
| 20 | Fitness, Fatness, and Mortality in Men and Women From the UK Biobank: Prospective Cohort Study. Journal of the American Heart Association, 2021, 10, e019605. | 3.7 | 16 |
| 21 | The association between serum brain-derived neurotrophic factor and a cluster of cardiovascular risk factors in adolescents: The CHAMPS-study DK. PLoS ONE, 2017, 12, e0186384. | 2.5 | 15 |
| 22 | Stair climbing and mortality: a prospective cohort study from the UK Biobank. Journal of Cachexia, Sarcopenia and Muscle, 2021, 12, 298-307. | 7.3 | 13 |
| 23 | Associations between waist circumference, metabolic risk and executive function in adolescents: A cross-sectional mediation analysis. PLoS ONE, 2018, 13, e0199281. | 2.5 | 12 |
| 24 | Device-measured physical activity, adiposity and mortality: a harmonised meta-analysis of eight prospective cohort studies. British Journal of Sports Medicine, 2022, 56, 725-732. | 6.7 | 12 |
| 25 | 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, 52, 1817-1832. | 6.5 | 11 |
| 26 | LCoMotion – Learning, Cognition and Motion; a multicomponent cluster randomized school-based intervention aimed at increasing learning and cognition - rationale, design and methods. BMC Public Health, 2014, 14, 967. | 2.9 | 10 |
| 27 | The acute effects of short bouts of exercise on inhibitory control in adolescents. Mental Health and Physical Activity, 2018, 15, 34-39. | 1.8 | 10 |
| 28 | Bone mass development is sensitive to insulin resistance in adolescent boys. Bone, 2019, 122, 1-7. | 2.9 | 10 |
| 29 | Bone Mass Development in Childhood and Its Association with Physical Activity and Vitamin D Levels. The CHAMPS-Study DK. Calcified Tissue International, 2019, 104, 1-13. | 3.1 | 9 |
| 30 | Prevalence of overweight and obesity and anthropometric reference centiles for Albanian children and adolescents living in four Balkan nation-states. Journal of Pediatric Endocrinology and Metabolism, 2018, 31, 1199-1206. | 0.9 | 8 |
| 31 | Long-term follow-up on biological risk factors, adiposity, and cardiorespiratory fitness development in a physical education intervention: a natural experiment (CHAMPS-study DK). BMC Public Health, 2018, 18, 605. | 2.9 | 8 |
| 32 | Retinal vascular diameters in relation to physical activity in Danish children – The CHAMPS Eye Study. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 1897-1907. | 2.9 | 6 |
| 33 | Does adiposity mediate the relationship between physical activity and biological risk factors in youth?: a cross-sectional study from the International Children’s Accelerometry Database (ICAD). International Journal of Obesity, 2018, 42, 671-678. | 3.4 | 6 |
| 34 | Muscle Fitness Changes During Childhood Associates With Improvements in Cardiometabolic Risk Factors: A Prospective Study. Journal of Physical Activity and Health, 2019, 16, 108-115. | 2.0 | 5 |
| 35 | 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. | 6.5 | 5 |
| 36 | Device-measured sedentary time in Norwegian children and adolescents in the era of ubiquitous internet access: secular changes between 2005, 2011 and 2018. International Journal of Epidemiology, 2022, 51, 1556-1567. | 1.9 | 5 |

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|----|---|------|-----------|
| 37 | Effect modification by cardiorespiratory fitness on the association between physical activity and cardiometabolic health in youth: A systematic review. <i>Journal of Sports Sciences</i> , 2021, 39, 845-853. | 2.0 | 4 |
| 38 | Does Additional Physical Education Improve Exam Performance at the End of Compulsory Education? A Secondary Analysis from a Natural Experiment: The CHAMPS-Study DK. <i>Children</i> , 2021, 8, 57. | 1.5 | 4 |
| 39 | Weekly variation in markers of cardiometabolic health – the possible effect of weekend behavior – a cross-sectional study. <i>BMC Cardiovascular Disorders</i> , 2020, 20, 405. | 1.7 | 2 |
| 40 | Double counting individuals in meta-analysis artificially inflates precision. Comment on “Device-measured light-intensity physical activity and mortality: A meta-analysis”. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2020, 30, 1083-1084. | 2.9 | 1 |
| 41 | The role of occupational physical activity on longevity – Authors' reply. <i>Lancet Public Health</i> , The, 2021, 6, e545. | 10.0 | 0 |
| 42 | Associations Between Cardiorespiratory Fitness and Brain-derived Neurotrophic Factor In Serum and Platelets-poor Plasma. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 988-988. | 0.4 | 0 |