

Jakob Tarp

List of Publications by Year in descending order

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Version: 2024-02-01

42
papers

1,974
citations

535685

17
h-index

325983

40
g-index

43
all docs

43
docs citations

43
times ranked

3498
citing authors

#	ARTICLE	IF	CITATIONS
1	Recommendations for Determining the Validity of Consumer Wearables and Smartphones for the Estimation of Energy Expenditure: Expert Statement and Checklist of the INTERLIVE Network. <i>Sports Medicine</i> , 2022, 52, 1817-1832.	3.1	11
2	Device-measured sedentary time in Norwegian children and adolescents in the era of ubiquitous internet access: secular changes between 2005, 2011 and 2018. <i>International Journal of Epidemiology</i> , 2022, 51, 1556-1567.	0.9	5
3	Device-measured physical activity, adiposity and mortality: a harmonised meta-analysis of eight prospective cohort studies. <i>British Journal of Sports Medicine</i> , 2022, 56, 725-732.	3.1	12
4	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.	1.0	4
5	Physical Activity and Mortality Across Levels of Adiposity. <i>Mayo Clinic Proceedings</i> , 2021, 96, 105-119.	1.4	16
6	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.	3.1	36
7	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.	0.6	4
8	Stair climbing and mortality: a prospective cohort study from the UK Biobank. <i>Journal of Cachexia, Sarcopenia and Muscle</i> , 2021, 12, 298-307.	2.9	13
9	Fitness, Fatness, and Mortality in Men and Women From the UK Biobank: Prospective Cohort Study. <i>Journal of the American Heart Association</i> , 2021, 10, e019605.	1.6	16
10	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.	4.7	49
11	The role of occupational physical activity on longevity – Authors' reply. <i>Lancet Public Health</i> , The, 2021, 6, e545.	4.7	0
12	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.	3.1	161
13	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.	0.7	2
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.	1.3	31
15	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.	2.0	38
16	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.	3.1	47
17	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.	1.3	1
18	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.	2.4	856

#	ARTICLE	IF	CITATIONS
19	Cardiorespiratory fitness, muscular strength and risk of type 2 diabetes: a systematic review and meta-analysis. <i>Diabetologia</i> , 2019, 62, 1129-1142.	2.9	104
20	Bone mass development is sensitive to insulin resistance in adolescent boys. <i>Bone</i> , 2019, 122, 1-7.	1.4	10
21	Bone Mass Development in Childhood and Its Association with Physical Activity and Vitamin D Levels. The CHAMPS-Study DK. <i>Calcified Tissue International</i> , 2019, 104, 1-13.	1.5	9
22	Muscle Fitness Changes During Childhood Associates With Improvements in Cardiometabolic Risk Factors: A Prospective Study. <i>Journal of Physical Activity and Health</i> , 2019, 16, 108-115.	1.0	5
23	Comment on: "Cardiorespiratory Fitness in Childhood and Adolescence Affects Future Cardiovascular Risk Factors: A Systematic Review of Longitudinal Studies". <i>Sports Medicine</i> , 2019, 49, 159-161.	3.1	5
24	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.	0.2	0
25	Retinal vascular diameters in relation to physical activity in Danish children " The <sc>CHAMPS</sc> Eye Study. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 1897-1907.	1.3	6
26	Influence of a 2- to 6-year physical education intervention on scholastic performance: The <sc>CHAMPS</sc> study " <sc>DK</sc>. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2018, 28, 228-236.	1.3	17
27	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). <i>International Journal of Obesity</i> , 2018, 42, 671-678.	1.6	6
28	Prevalence of overweight and obesity and anthropometric reference centiles for Albanian children and adolescents living in four Balkan nation-states. <i>Journal of Pediatric Endocrinology and Metabolism</i> , 2018, 31, 1199-1206.	0.4	8
29	Associations Between Aerobic Fitness and Cognitive Control in Adolescents. <i>Frontiers in Psychology</i> , 2018, 9, 1298.	1.1	51
30	The acute effects of short bouts of exercise on inhibitory control in adolescents. <i>Mental Health and Physical Activity</i> , 2018, 15, 34-39.	0.9	10
31	Physical activity intensity, bout-duration, and cardiometabolic risk markers in children and adolescents. <i>International Journal of Obesity</i> , 2018, 42, 1639-1650.	1.6	102
32	Long-term follow-up on biological risk factors, adiposity, and cardiorespiratory fitness development in a physical education intervention: a natural experiment (CHAMPS-study DK). <i>BMC Public Health</i> , 2018, 18, 605.	1.2	8
33	Associations between waist circumference, metabolic risk and executive function in adolescents: A cross-sectional mediation analysis. <i>PLoS ONE</i> , 2018, 13, e0199281.	1.1	12
34	Cross-sectional associations of objectively measured physical activity with brain-derived neurotrophic factor in adolescents. <i>Physiology and Behavior</i> , 2017, 171, 87-91.	1.0	16
35	The association between serum brain-derived neurotrophic factor and a cluster of cardiovascular risk factors in adolescents: The CHAMPS-study DK. <i>PLoS ONE</i> , 2017, 12, e0186384.	1.1	15
36	Associations of Physical Activity, Sports Participation and Active Commuting on Mathematic Performance and Inhibitory Control in Adolescents. <i>PLoS ONE</i> , 2016, 11, e0146319.	1.1	32

#	ARTICLE	IF	CITATIONS
37	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.	3.3	28
38	Effectiveness of a School-Based Physical Activity Intervention on Cognitive Performance in Danish Adolescents: LCoMotionâ€”Learning, Cognition and Motion â€” A Cluster Randomized Controlled Trial. <i>PLoS ONE</i> , 2016, 11, e0158087.	1.1	58
39	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.	1.0	29
40	Associations of Adiposity and Aerobic Fitness with Executive Function and Math Performance in Danish Adolescents. <i>Journal of Pediatrics</i> , 2015, 167, 810-815.	0.9	67
41	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.	2.0	64
42	LCoMotion â€” Learning, Cognition and Motion; a multicomponent cluster randomized school-based intervention aimed at increasing learning and cognition - rationale, design and methods. <i>BMC Public Health</i> , 2014, 14, 967.	1.2	10