Daniel Arvidsson

List of Publications by Year
in descending order

41 papers	1,174 citations	430442 18 h-index	395343 33 g-index
41 all docs	41 docs citations	41 times ranked	1731 citing authors

#	Article	IF	Citations
1	Measurement of physical activity in clinical practice using accelerometers. Journal of Internal Medicine, 2019, 286, 137-153.	2.7	133
2	Sampling frequency affects the processing of Actigraph raw acceleration data to activity counts. Journal of Applied Physiology, 2016, 120, 362-369.	1.2	100
3	Generating ActiGraph Counts from Raw Acceleration Recorded by an Alternative Monitor. Medicine and Science in Sports and Exercise, 2017, 49, 2351-2360.	0.2	100
4	Energy Cost of Physical Activities in Children. Medicine and Science in Sports and Exercise, 2007, 39, 2076-2084.	0.2	98
5	Physical activity on prescription in accordance with the Swedish model increases physical activity: a systematic review. British Journal of Sports Medicine, 2019, 53, 383-388.	3.1	64
6	Free-living energy expenditure in children using multi-sensor activity monitors. Clinical Nutrition, 2009, 28, 305-312.	2.3	56
7	Physical activity questionnaire for adolescents validated against doubly labelled water. European Journal of Clinical Nutrition, 2005, 59, 376-383.	1.3	53
8	Emerging collaborative research platforms for the next generation of physical activity, sleep and exercise medicine guidelines: the Prospective Physical Activity, Sitting, and Sleep consortium (ProPASS). British Journal of Sports Medicine, 2020, 54, 435-437.	3.1	51
9	Active video gaming improves body coordination in survivors of childhood brain tumours. Disability and Rehabilitation, 2016, 38, 2073-2084.	0.9	50
10	Energy Cost in Children Assessed by Multisensor Activity Monitors. Medicine and Science in Sports and Exercise, 2009, 41, 603-611.	0.2	46
11	Physical activity, sports participation and aerobic fitness in children who have undergone surgery for congenital heart defects. Acta Paediatrica, International Journal of Paediatrics, 2009, 98, 1475-1482.	0.7	44
12	Effects of Frequency Filtering on Intensity and Noise in Accelerometer-Based Physical Activity Measurements. Sensors, 2019, 19, 2186.	2.1	42
13	Laser-Doppler flowmetry for estimating liver blood flow. American Journal of Physiology - Renal Physiology, 1988, 254, G471-G476.	1.6	39
14	A Biomechanical Re-Examination of Physical Activity Measurement with Accelerometers. Sensors, 2018, 18, 3399.	2.1	28
15	Validity of the ActiReg system in assessing energy requirement in chronic obstructive pulmonary disease patients. Clinical Nutrition, 2006, 25, 68-74.	2.3	27
16	Reâ€examination of accelerometer data processing and calibration for the assessment of physical activity intensity. Scandinavian Journal of Medicine and Science in Sports, 2019, 29, 1442-1452.	1.3	27
17	Effects of physically active video gaming on cognition and activities of daily living in childhood brain tumor survivors: a randomized pilot study. Neuro-Oncology Practice, 2017, 4, 98-110.	1.0	23
18	Validation of SenseWear Armband in children, adolescents, and adults. Scandinavian Journal of Medicine and Science in Sports, 2018, 28, 487-495.	1.3	21

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19	Reexamination of Accelerometer Calibration with Energy Expenditure as Criterion: VO2net Instead of MET for Age-Equivalent Physical Activity Intensity. Sensors, 2019, 19, 3377.	2.1	18
20	Cross-cultural validation of a simple self-report instrument of physical activity in immigrants from the Middle East and native Swedes. Scandinavian Journal of Public Health, 2014, 42, 255-262.	1.2	15
21	Eveningness is associated with sedentary behavior and increased 10-year risk of cardiovascular disease: the SCAPIS pilot cohort. Scientific Reports, 2022, 12, 8203.	1.6	13
22	The ActiGraph counts processing and the assessment of vigorous activity. Clinical Physiology and Functional Imaging, 2019, 39, 276-283.	0.5	12
23	Simple Method for the Objective Activity Type Assessment with Preschoolers, Children and Adolescents. Children, 2020, 7, 72.	0.6	12
24	Stronger Association between High Intensity Physical Activity and Cardiometabolic Health with Improved Assessment of the Full Intensity Range Using Accelerometry. Sensors, 2020, 20, 1118.	2.1	12
25	Effects of Two Randomized and Controlled Multi-Component Interventions Focusing On 24-Hour Movement Behavior among Office Workers: A Compositional Data Analysis. International Journal of Environmental Research and Public Health, 2021, 18, 4191.	1.2	12
26	High-intensity activity is more strongly associated with metabolic health in children compared to sedentary time: a cross-sectional study of the I.Family cohort. International Journal of Behavioral Nutrition and Physical Activity, 2021, 18, 90.	2.0	12
27	The effect of the stay active advice on physical activity and on the course of acute severe low back pain. BMC Sports Science, Medicine and Rehabilitation, 2015, 7, 19.	0.7	9
28	Insomnia and cardiorespiratory fitness in a middle-aged population: the SCAPIS pilot study. Sleep and Breathing, 2019, 23, 319-326.	0.9	9
29	Workplace activity classification from shoe-based movement sensors. BMC Biomedical Engineering, 2020, 2, 8.	1.7	8
30	The use of coping strategies â€œshift-persistâ€•mediates associations between physical activity and mental health problems in adolescents: a cross-sectional study. BMC Public Health, 2021, 21, 1104.	1.2	7
31	Galectin-3 levels relate in children to total body fat, abdominal fat, body fat distribution, and cardiac size. European Journal of Pediatrics, 2018, 177, 461-467.	1.3	6
32	Physical activity spectrum discriminant analysisâ€”A method to compare detailed patterns between groups. Scandinavian Journal of Medicine and Science in Sports, 2021, 31, 2333-2342.	1.3	6
33	Low physical activity in patients diagnosed with head and neck cancer. Laryngoscope Investigative Otolaryngology, 2021, 6, 747-755.	0.6	5
34	Implementation of physical activity on prescription for children with obesity in paediatric health care (IMPA): protocol for a feasibility and evaluation study using quantitative and qualitative methods. Pilot and Feasibility Studies, 2022, 8, .	0.5	4
35	Children and Adolescents Treated for Valvular Aortic Stenosis Have Different Physical Activity Patterns Compared to Healthy Controls: A Methodological Study in a National Cohort. Pediatric Cardiology, 2021, 42, 774-783.	0.6	3
36	Physical activity in children and adolescents with CHD: review from a measurement methodological perspective. Cardiology in the Young, 2021, 31, 518-531.	0.4	3

#	Article	IF	Citations
37	Concomitant Associations of Healthy Food Intake and Cardiorespiratory Fitness With Coronary Artery Calcium. American Journal of Cardiology, 2018, 122, 560-564.	0.7	2
38	Measurement of Physical Activity by Shoe-Based Accelerometersâ€"Calibration and Free-Living Validation. Sensors, 2021, 21, 2333.	2.1	2
39	Life satisfaction, health-related quality of life and physical activity after treatment for valvular aortic stenosis. Cardiology in the Young, 2022, , 1-7.	0.4	2
40	Physical activity, self-efficacy and quality of life in patients with chronic pain, assessed during and 1 year after physiotherapy rehabilitation â€“ a prospective follow-up study. Disability and Rehabilitation, 2021, , 1-8.	0.9	0
41	Physical activity in children with CHDs through the microscope of the methodologist. Cardiology in the Young, 0, , 1-3.	0.4	0