Kate Westgate

List of Publications by Year
in descending order

51 papers	1,834 citations	279798 23 h-index	289244 40 g-index
63 all docs	63 docs citations	63 times ranked	3566 citing authors

#	Article	IF	Citations
1	Utilization and Harmonization of Adult Accelerometry Data. Medicine and Science in Sports and Exercise, 2015, 47, 2129-2139.	0.4	222
2	Validity of a short questionnaire to assess physical activity in 10 European countries. European Journal of Epidemiology, 2012, 27, 15-25.	5.7	185
3	Estimation of Free-Living Energy Expenditure by Heart Rate and Movement Sensing: A Doubly-Labelled Water Study. PLoS ONE, 2015, 10, e0137206.	2.5	116
4	Estimation of Physical Activity Energy Expenditure during Free-Living from Wrist Accelerometry in UK Adults. PLoS ONE, 2016, 11, e0167472.	2.5	113
5	Physical activity intensity, bout-duration, and cardiometabolic risk markers in children and adolescents. International Journal of Obesity, 2018, 42, 1639-1650.	3.4	102
6	A randomised controlled trial of three very brief interventions for physical activity in primary care. BMC Public Health, 2016, 16, 1033.	2.9	81
7	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.	3.4	81
8	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.	6.5	75
9	The combination of cardiorespiratory fitness and muscle strength, and mortality risk. European Journal of Epidemiology, 2018, 33, 953-964.	5.7	64
10	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, 339-344.	3.4	55
11	Descriptive epidemiology of physical activity energy expenditure in UK adults (The Fenland study). International Journal of Behavioral Nutrition and Physical Activity, 2019, 16, 126.	4.6	54
12	Physical activity and sedentary time in relation to academic achievement in children. Journal of Science and Medicine in Sport, 2017, 20, 583-589.	1.3	51
13	Long-term physical activity: an exogenous risk factor for sporadic amyotrophic lateral sclerosis?. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2016, 17, 377-384.	1.7	46
14	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.	2.9	41
15	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.	1.8	40
16	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.	6.3	38
17	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.	4.6	34
18	Prospective associations between sedentary time, physical activity, fitness and cardiometabolic risk factors in people with type 2 diabetes. Diabetologia, 2016, 59, 110-120.	6.3	30

#	Article	IF	Citations
19	Development of the Impacts of Cycling Tool (ICT): A modelling study and web tool for evaluating health and environmental impacts of cycling uptake. PLoS Medicine, 2018, 15, e1002622.	8.4	30
20	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.	1.8	29
21	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.	4.6	28
22	Using Accelerometers to Measure Physical Activity in Older Patients Admitted to Hospital. Current Gerontology and Geriatrics Research, 2018, 2018, 1-9.	1.6	28
23	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.	2.5	28
24	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.	1.5	19
25	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.	4.6	18
26	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, 0, 3, 67.	1.8	17
27	Sleep duration and cardiometabolic risk factors among individuals with type 2 diabetes. Sleep Medicine, 2015, 16, 119-125.	1.6	16
28	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.	2.9	16
29	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.	4.6	16
30	Cardiorespiratory fitness assessment using risk-stratified exercise testing and doseâ€“response relationships with disease outcomes. Scientific Reports, 2021, 11, 15315.	3.3	15
31	Association of Accelerometerâ€Measured Sedentary Accumulation Patterns With Incident Cardiovascular Disease, Cancer, and Allâ€Cause Mortality. Journal of the American Heart Association, 2022, 11, e023845.	3.7	14
32	Adiposity, physical activity and neuromuscular performance in children. Journal of Sports Sciences, 2016, 34, 1699-1706.	2.0	13
33	Descriptive epidemiology of energy expenditure in the UK: findings from the National Diet and Nutrition Survey 2008â€“15. International Journal of Epidemiology, 2020, 49, 1007-1021.	1.9	13
34	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.	1.2	11
35	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.	8.4	11
36	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.	0.4	11

#	Article	IF	Citations
37	Detecting sleep outside the clinic using wearable heart rate devices. Scientific Reports, 2022, 12, 7956.	3.3	11
38	Physical activity energy expenditure and cardiometabolic health in three rural Kenyan populations. American Journal of Human Biology, 2019, 31, e23199.	1.6	9
39	Joint associations between objectively measured physical activity volume and intensity with body fatness: the Fenland study. International Journal of Obesity, 2022, 46, 169-177.	3.4	9
40	Describing the diurnal relationships between objectively measured mother and infant physical activity. International Journal of Behavioral Nutrition and Physical Activity, 2018, 15, 59.	4.6	8
41	Physical activity intensity profiles associated with cardiometabolic risk in middle-aged to older men and women. Preventive Medicine, 2022, 156, 106977.	3.4	4
42	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.	2.2	3
43	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.	3.1	3
44	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.	2.5	1
45	Associations between abdominal adiposity, body size and objectively measured physical activity in infants from Soweto, South Africa. Maternal and Child Health Journal, 2022, 26, 1632-1640.	1.5	1
46	P01â€…Shorter sleep duration in adolescence is associated with higher dietary energy density and reduced fruit and vegetable consumption the following day. , 2021, , .		0
47	Title is missing!. , 2020, 17, e1003046.		0
48	Title is missing!. , 2020, 17, e1003046.		0
49	Title is missing!. , 2020, 17, e1003046.		0
50	Title is missing!. , 2020, 17, e1003046.		0
51	Title is missing!. , 2020, 17, e1003046.		0