

Kate Westgate

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2530251/publications.pdf>

Version: 2024-02-01

51
papers

1,834
citations

279487

23
h-index

288905

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. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 2129-2139.	0.2	222
2	Validity of a short questionnaire to assess physical activity in 10 European countries. <i>European Journal of Epidemiology</i> , 2012, 27, 15-25.	2.5	185
3	Estimation of Free-Living Energy Expenditure by Heart Rate and Movement Sensing: A Doubly-Labelled Water Study. <i>PLoS ONE</i> , 2015, 10, e0137206.	1.1	116
4	Estimation of Physical Activity Energy Expenditure during Free-Living from Wrist Accelerometry in UK Adults. <i>PLoS ONE</i> , 2016, 11, e0167472.	1.1	113
5	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
6	A randomised controlled trial of three very brief interventions for physical activity in primary care. <i>BMC Public Health</i> , 2016, 16, 1033.	1.2	81
7	Estimating energy expenditure from wrist and thigh accelerometry in free-living adults: a doubly labelled water study. <i>International Journal of Obesity</i> , 2019, 43, 2333-2342.	1.6	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. <i>Sports Medicine</i> , 2017, 47, 769-780.	3.1	75
9	The combination of cardiorespiratory fitness and muscle strength, and mortality risk. <i>European Journal of Epidemiology</i> , 2018, 33, 953-964.	2.5	64
10	Quantifying the physical activity energy expenditure of commuters using a combination of global positioning system and combined heart rate and movement sensors. <i>Preventive Medicine</i> , 2015, 81, 339-344.	1.6	55
11	Descriptive epidemiology of physical activity energy expenditure in UK adults (The Fenland study). <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2019, 16, 126.	2.0	54
12	Physical activity and sedentary time in relation to academic achievement in children. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 583-589.	0.6	51
13	Long-term physical activity: an exogenous risk factor for sporadic amyotrophic lateral sclerosis?. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2016, 17, 377-384.	1.1	46
14	Longitudinal associations of physical activity and sedentary time with cardiometabolic risk factors in children. <i>Scandinavian Journal of Medicine and Science in Sports</i> , 2019, 29, 113-123.	1.3	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. <i>Wellcome Open Research</i> , 2018, 3, 67.	0.9	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. <i>Diabetologia</i> , 2020, 63, 486-496.	2.9	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. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2015, 12, 61.	2.0	34
18	Prospective associations between sedentary time, physical activity, fitness and cardiometabolic risk factors in people with type 2 diabetes. <i>Diabetologia</i> , 2016, 59, 110-120.	2.9	30

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19	Development of the Impacts of Cycling Tool (ICT): A modelling study and web tool for evaluating health and environmental impacts of cycling uptake. <i>PLoS Medicine</i> , 2018, 15, e1002622.	3.9	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. <i>Wellcome Open Research</i> , 2018, 3, 67.	0.9	29
21	Describing objectively measured physical activity levels, patterns, and correlates in a cross sectional sample of infants and toddlers from South Africa. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017, 14, 176.	2.0	28
22	Using Accelerometers to Measure Physical Activity in Older Patients Admitted to Hospital. <i>Current Gerontology and Geriatrics Research</i> , 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. <i>European Journal of Applied Physiology</i> , 2019, 119, 2487-2498.	1.2	28
24	The Influence of Objectively Measured Physical Activity During Pregnancy on Maternal and Birth Outcomes in Urban Black South African Women. <i>Maternal and Child Health Journal</i> , 2018, 22, 1190-1199.	0.7	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. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020, 17, 40.	2.0	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. <i>Wellcome Open Research</i> , 0, 3, 67.	0.9	17
27	Sleep duration and cardiometabolic risk factors among individuals with type 2 diabetes. <i>Sleep Medicine</i> , 2015, 16, 119-125.	0.8	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. <i>BMC Public Health</i> , 2016, 16, 1036.	1.2	16
29	Descriptive epidemiology of changes in objectively measured sedentary behaviour and physical activity: six-year follow-up of the EPIC-Norfolk cohort. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2018, 15, 122.	2.0	16
30	Cardiorespiratory fitness assessment using risk-stratified exercise testing and dose-response relationships with disease outcomes. <i>Scientific Reports</i> , 2021, 11, 15315.	1.6	15
31	Association of Accelerometer-Measured Sedentary Accumulation Patterns With Incident Cardiovascular Disease, Cancer, and All-Cause Mortality. <i>Journal of the American Heart Association</i> , 2022, 11, e023845.	1.6	14
32	Adiposity, physical activity and neuromuscular performance in children. <i>Journal of Sports Sciences</i> , 2016, 34, 1699-1706.	1.0	13
33	Descriptive epidemiology of energy expenditure in the UK: findings from the National Diet and Nutrition Survey 2008-15. <i>International Journal of Epidemiology</i> , 2020, 49, 1007-1021.	0.9	13
34	Development and feasibility of a wearable infant wrist band for the objective measurement of physical activity using accelerometry. <i>Pilot and Feasibility Studies</i> , 2018, 4, 60.	0.5	11
35	Evaluation of a very brief pedometer-based physical activity intervention delivered in NHS Health Checks in England: The VBI randomised controlled trial. <i>PLoS Medicine</i> , 2020, 17, e1003046.	3.9	11
36	Objectively Measured Physical Activity and Body Fatness: Associations with Total Body Fat, Visceral Fat, and Liver Fat. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 2309-2317.	0.2	11

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37	Detecting sleep outside the clinic using wearable heart rate devices. <i>Scientific Reports</i> , 2022, 12, 7956.	1.6	11
38	Physical activity energy expenditure and cardiometabolic health in three rural Kenyan populations. <i>American Journal of Human Biology</i> , 2019, 31, e23199.	0.8	9
39	Joint associations between objectively measured physical activity volume and intensity with body fatness: the Fenland study. <i>International Journal of Obesity</i> , 2022, 46, 169-177.	1.6	9
40	Describing the diurnal relationships between objectively measured mother and infant physical activity. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2018, 15, 59.	2.0	8
41	Physical activity intensity profiles associated with cardiometabolic risk in middle-aged to older men and women. <i>Preventive Medicine</i> , 2022, 156, 106977.	1.6	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. <i>BMC Endocrine Disorders</i> , 2018, 18, 63.	0.9	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. <i>Aging</i> , 2021, 13, 134-149.	1.4	3
44	Do older English adults exhibit day-to-day compensation in sedentary time and in prolonged sedentary bouts? An EPIC-Norfolk cohort analysis. <i>PLoS ONE</i> , 2019, 14, e0224225.	1.1	1
45	Associations between abdominal adiposity, body size and objectively measured physical activity in infants from Soweto, South Africa. <i>Maternal and Child Health Journal</i> , 2022, 26, 1632-1640.	0.7	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