

Charlotte Edwardson

List of Publications by Citations

Source: <https://exaly.com/author-pdf/710930/charlotte-edwardson-publications-by-citations.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

115
papers

5,010
citations

29
h-index

69
g-index

131
ext. papers

6,313
ext. citations

4
avg, IF

5.56
L-index

#	Paper	IF	Citations
115	Sedentary time in adults and the association with diabetes, cardiovascular disease and death: systematic review and meta-analysis. <i>Diabetologia</i> , 2012 , 55, 2895-905	10.3	1100
114	Dose-response associations between accelerometry measured physical activity and sedentary time and all cause mortality: systematic review and harmonised meta-analysis. <i>BMJ, The</i> , 2019 , 366, l4570	5.9	416
113	Methods of Measurement in epidemiology: sedentary Behaviour. <i>International Journal of Epidemiology</i> , 2012 , 41, 1460-71	7.8	356
112	Association of sedentary behaviour with metabolic syndrome: a meta-analysis. <i>PLoS ONE</i> , 2012 , 7, e349157	5.7	307
111	Associations of objectively measured sedentary behaviour and physical activity with markers of cardiometabolic health. <i>Diabetologia</i> , 2013 , 56, 1012-20	10.3	226
110	Considerations when using the activPAL monitor in field-based research with adult populations. <i>Journal of Sport and Health Science</i> , 2017 , 6, 162-178	8.2	209
109	Breaking Up Prolonged Sitting With Standing or Walking Attenuates the Postprandial Metabolic Response in Postmenopausal Women: A Randomized Acute Study. <i>Diabetes Care</i> , 2016 , 39, 130-8	14.6	171
108	Office workers' objectively measured sedentary behavior and physical activity during and outside working hours. <i>Journal of Occupational and Environmental Medicine</i> , 2014 , 56, 298-303	2	170
107	Identifying adults' valid waking wear time by automated estimation in activPAL data collected with a 24 h wear protocol. <i>Physiological Measurement</i> , 2016 , 37, 1653-1668	2.9	125
106	Sedentary time and markers of chronic low-grade inflammation in a high risk population. <i>PLoS ONE</i> , 2013 , 8, e78350	3.7	109
105	Energy expenditure during common sitting and standing tasks: examining the 1.5 MET definition of sedentary behaviour. <i>BMC Public Health</i> , 2015 , 15, 516	4.1	105
104	Devices for Self-Monitoring Sedentary Time or Physical Activity: A Scoping Review. <i>Journal of Medical Internet Research</i> , 2016 , 18, e90	7.6	78
103	Accelerometer-assessed Physical Activity in Epidemiology: Are Monitors Equivalent?. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 257-265	1.2	76
102	Effectiveness of the Stand More AT (SMaRT) Work intervention: cluster randomised controlled trial. <i>BMJ, The</i> , 2018 , 363, k3870	5.9	76
101	Raw Accelerometer Data Analysis with GGIR R-package: Does Accelerometer Brand Matter?. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 1935-41	1.2	75
100	Associations of mutually exclusive categories of physical activity and sedentary time with markers of cardiometabolic health in English adults: a cross-sectional analysis of the Health Survey for England. <i>BMC Public Health</i> , 2016 , 16, 25	4.1	64
99	The association between neighbourhood greenspace and type 2 diabetes in a large cross-sectional study. <i>BMJ Open</i> , 2014 , 4, e006076	3	61

98	Beyond Cut Points: Accelerometer Metrics that Capture the Physical Activity Profile. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 1323-1332	1.2	57
97	Intensity Thresholds on Raw Acceleration Data: Euclidean Norm Minus One (ENMO) and Mean Amplitude Deviation (MAD) Approaches. <i>PLoS ONE</i> , 2016 , 11, e0164045	3.7	55
96	Accuracy of Posture Allocation Algorithms for Thigh- and Waist-Worn Accelerometers. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 1085-90	1.2	54
95	A Randomised Controlled Trial to Reduce Sedentary Time in Young Adults at Risk of Type 2 Diabetes Mellitus: Project STAND (Sedentary Time AND Diabetes). <i>PLoS ONE</i> , 2015 , 10, e0143398	3.7	47
94	Walking Away from Type 2 diabetes: a cluster randomized controlled trial. <i>Diabetic Medicine</i> , 2017 , 34, 698-707	3.5	46
93	Objectively measured sedentary time and associations with insulin sensitivity: Importance of reallocating sedentary time to physical activity. <i>Preventive Medicine</i> , 2015 , 76, 79-83	4.3	46
92	Structured lifestyle education for people with schizophrenia, schizoaffective disorder and first-episode psychosis (STEPWISE): randomised controlled trial. <i>British Journal of Psychiatry</i> , 2019 , 214, 63-73	5.4	46
91	Walking away from type 2 diabetes: trial protocol of a cluster randomised controlled trial evaluating a structured education programme in those at high risk of developing type 2 diabetes. <i>BMC Family Practice</i> , 2012 , 13, 46	2.6	44
90	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	10.3	43
89	Stand More AT Work (SMARt Work): using the behaviour change wheel to develop an intervention to reduce sitting time in the workplace. <i>BMC Public Health</i> , 2018 , 18, 319	4.1	42
88	Is the number of fast-food outlets in the neighbourhood related to screen-detected type 2 diabetes mellitus and associated risk factors?. <i>Public Health Nutrition</i> , 2015 , 18, 1698-705	3.3	33
87	Associations Between Sedentary Behaviors and Cognitive Function: Cross-Sectional and Prospective Findings From the UK Biobank. <i>American Journal of Epidemiology</i> , 2018 , 187, 441-454	3.8	31
86	Effectiveness of the 'Girls Active' school-based physical activity programme: A cluster randomised controlled trial. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2018 , 15, 40	8.4	29
85	Metabolic Effects of Breaking Prolonged Sitting With Standing or Light Walking in Older South Asians and White Europeans: A Randomized Acute Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2020 , 75, 139-146	6.4	28
84	Associations of Physical Behaviours and Behavioural Reallocations with Markers of Metabolic Health: A Compositional Data Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	28
83	Associations of reallocating sitting time into standing or stepping with glucose, insulin and insulin sensitivity: a cross-sectional analysis of adults at risk of type 2 diabetes. <i>BMJ Open</i> , 2017 , 7, e014267	3	27
82	A cluster randomised controlled trial to investigate the effectiveness and cost effectiveness of the 'Girls Active' intervention: a study protocol. <i>BMC Public Health</i> , 2015 , 15, 526	4.1	25
81	Structured lifestyle education to support weight loss for people with schizophrenia, schizoaffective disorder and first episode psychosis: the STEPWISE RCT. <i>Health Technology Assessment</i> , 2018 , 22, 1-160	4.4	24

80	The association between air pollution and type 2 diabetes in a large cross-sectional study in Leicester: The CHAMPIONS Study. <i>Environment International</i> , 2017 , 104, 41-47	12.9	23
79	Fitness Moderates Glycemic Responses to Sitting and Light Activity Breaks. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 2216-2222	1.2	23
78	Differences in levels of physical activity between White and South Asian populations within a healthcare setting: impact of measurement type in a cross-sectional study. <i>BMJ Open</i> , 2015 , 5, e006181	3	23
77	Providing NHS staff with height-adjustable workstations and behaviour change strategies to reduce workplace sitting time: protocol for the Stand More AT (SMaRT) Work cluster randomised controlled trial. <i>BMC Public Health</i> , 2015 , 15, 1219	4.1	21
76	A data-driven, meaningful, easy to interpret, standardised accelerometer outcome variable for global surveillance. <i>Journal of Science and Medicine in Sport</i> , 2019 , 22, 1132-1138	4.4	20
75	Enhancing the value of accelerometer-assessed physical activity: meaningful visual comparisons of data-driven translational accelerometer metrics. <i>Sports Medicine - Open</i> , 2019 , 5, 47	6.1	20
74	Efficacy of a Multicomponent Intervention to Reduce Workplace Sitting Time in Office Workers: A Cluster Randomized Controlled Trial. <i>Journal of Occupational and Environmental Medicine</i> , 2018 , 60, 787-795	2.7	19
73	Activity Intensity, Volume, and Norms: Utility and Interpretation of Accelerometer Metrics. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 2410-2422	1.2	19
72	Breaking up sedentary time with seated upper body activity can regulate metabolic health in obese high-risk adults: A randomized crossover trial. <i>Diabetes, Obesity and Metabolism</i> , 2017 , 19, 1732-1739	6.7	17
71	Promotion Of Physical activity through structured Education with differing Levels of ongoing Support for people at high risk of type 2 diabetes (PROPELS): study protocol for a randomized controlled trial. <i>Trials</i> , 2015 , 16, 289	2.8	16
70	Providing a Basis for Harmonization of Accelerometer-Assessed Physical Activity Outcomes Across Epidemiological Datasets. <i>Journal for the Measurement of Physical Behaviour</i> , 2019 , 2, 131-142	2.3	16
69	Differences in objectively measured physical activity and sedentary behaviour between white Europeans and south Asians recruited from primary care: cross-sectional analysis of the PROPELS trial. <i>BMC Public Health</i> , 2019 , 19, 95	4.1	15
68	Compliance of Adolescent Girls to Repeated Deployments of Wrist-Worn Accelerometers. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 1508-1517	1.2	15
67	Association of Timing and Balance of Physical Activity and Rest/Sleep With Risk of COVID-19: A UK Biobank Study. <i>Mayo Clinic Proceedings</i> , 2021 , 96, 156-164	6.4	14
66	Impact of Depression and Anxiety on Change to Physical Activity Following a Pragmatic Diabetes Prevention Program Within Primary Care: Pooled Analysis From Two Randomized Controlled Trials. <i>Diabetes Care</i> , 2019 , 42, 1847-1853	14.6	12
65	Stand Out in Class: restructuring the classroom environment to reduce sitting time - findings from a pilot cluster randomised controlled trial. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020 , 17, 55	8.4	11
64	Sedentary Time and MRI-Derived Measures of Adiposity in Active Versus Inactive Individuals. <i>Obesity</i> , 2018 , 26, 29-36	8	11
63	activPAL and ActiGraph Assessed Sedentary Behavior and Cardiometabolic Health Markers. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 391-397	1.2	11

62	A three arm cluster randomised controlled trial to test the effectiveness and cost-effectiveness of the SMART Work & Life intervention for reducing daily sitting time in office workers: study protocol. <i>BMC Public Health</i> , 2018 , 18, 1120	4.1	11
61	STEPWISE - STRUCTURED lifestyle Education for People With Schizophrenia: a study protocol for a randomised controlled trial. <i>Trials</i> , 2016 , 17, 475	2.8	10
60	Rationale and design of a cross-sectional study to investigate and describe the chronotype of patients with type 2 diabetes and the effect on glycaemic control: the CODEC study. <i>BMJ Open</i> , 2019 , 9, e027773	3	10
59	Reallocating sitting time to standing or stepping through isotemporal analysis: associations with markers of chronic low-grade inflammation. <i>Journal of Sports Sciences</i> , 2018 , 36, 1586-1593	3.6	9
58	Effect of the PPARG2 Pro12Ala Polymorphism on Associations of Physical Activity and Sedentary Time with Markers of Insulin Sensitivity in Those with an Elevated Risk of Type 2 Diabetes. <i>PLoS ONE</i> , 2015 , 10, e0124062	3.7	9
57	A school-based intervention (Girls Active) to increase physical activity levels among 11- to 14-year-old girls: cluster RCT. <i>Public Health Research</i> , 2019 , 7, 1-162	1.7	9
56	Wrist-worn accelerometers: recommending ~1.0 m as the minimum clinically important difference (MCID) in daily average acceleration for inactive adults. <i>British Journal of Sports Medicine</i> , 2021 , 55, 814-815	10.3	9
55	The impact of COVID-19 restrictions on accelerometer-assessed physical activity and sleep in individuals with type 2 diabetes. <i>Diabetic Medicine</i> , 2021 , 38, e14549	3.5	9
54	The Impact of a Novel Structured Health Intervention for Truckers (SHIFT) on Physical Activity and Cardiometabolic Risk Factors. <i>Journal of Occupational and Environmental Medicine</i> , 2018 , 60, 368-376	2	9
53	Associations of objectively measured moderate-to-vigorous-intensity physical activity and sedentary time with all-cause mortality in a population of adults at high risk of type 2 diabetes mellitus. <i>Preventive Medicine Reports</i> , 2017 , 5, 285-288	2.6	8
52	Process evaluation of the school-based Girls Active programme. <i>BMC Public Health</i> , 2019 , 19, 1187	4.1	8
51	Stand Out in Class: restructuring the classroom environment to reduce sedentary behaviour in 9-10-year-olds - study protocol for a pilot cluster randomised controlled trial. <i>Pilot and Feasibility Studies</i> , 2018 , 4, 103	1.9	8
50	Change in Sedentary Time, Physical Activity, Bodyweight, and HbA1c in High-Risk Adults. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 1120-1125	1.2	8
49	Reducing sedentary time in adults at risk of type 2 diabetes: process evaluation of the STAND (Sedentary Time AND Diabetes) RCT. <i>BMC Public Health</i> , 2017 , 17, 80	4.1	7
48	A multi-component intervention to sit less and move more in a contact centre setting: a feasibility study. <i>BMC Public Health</i> , 2019 , 19, 292	4.1	7
47	A Cost and Cost-Benefit Analysis of the Stand More AT Work (SMARt Work) Intervention. <i>International Journal of Environmental Research and Public Health</i> , 2020 , 17,	4.6	7
46	Associations of Physical Activity Intensities with Markers of Insulin Sensitivity. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 2451-2458	1.2	7
45	Associations of moderate-to-vigorous-intensity physical activity and body mass index with glycated haemoglobin within the general population: a cross-sectional analysis of the 2008 Health Survey for England. <i>BMJ Open</i> , 2017 , 7, e014456	3	6

44	Study design and protocol for a mixed methods evaluation of an intervention to reduce and break up sitting time in primary school classrooms in the UK: The CLASS PAL (Physically Active Learning) Programme. <i>BMJ Open</i> , 2017 , 7, e019428	3	6
43	Predictors of the Acute Postprandial Response to Breaking Up Prolonged Sitting. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 1385-1393	1.2	6
42	Structured education programme for women with polycystic ovary syndrome: a randomised controlled trial. <i>Endocrine Connections</i> , 2018 , 7, 26-35	3.5	6
41	SitStand desks to reduce sedentary behaviour in 9- to 10-year-olds: the Stand Out in Class pilot cluster RCT. <i>Public Health Research</i> , 2020 , 8, 1-126	1.7	5
40	Associations between physical activity and trimethylamine -oxide in those at risk of type 2 diabetes. <i>BMJ Open Diabetes Research and Care</i> , 2020 , 8,	4.5	5
39	Physical behaviors and chronotype in people with type 2 diabetes. <i>BMJ Open Diabetes Research and Care</i> , 2020 , 8,	4.5	5
38	Device-assessed total and prolonged sitting time: associations with anxiety, depression, and health-related quality of life in adults. <i>Journal of Affective Disorders</i> , 2021 , 287, 107-114	6.6	5
37	Comparability of Postural and Physical Activity Metrics from Different Accelerometer Brands Worn on the Thigh: Data Harmonization Possibilities. <i>Measurement in Physical Education and Exercise Science</i> , 1-12	1.9	5
36	Reducing sitting at work: process evaluation of the SMARt Work (Stand More At Work) intervention. <i>Trials</i> , 2020 , 21, 403	2.8	4
35	Towards a Portable Model to Discriminate Activity Clusters from Accelerometer Data. <i>Sensors</i> , 2019 , 19,	3.8	4
34	Management of fatigue with physical activity and behavioural change support in vasculitis: a feasibility study. <i>Rheumatology</i> , 2021 , 60, 4130-4140	3.9	4
33	Physical Activity for Bone Health: How Much and/or How Hard?. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 2331-2341	1.2	4
32	Prospectively Reallocating Sedentary Time: Associations with Cardiometabolic Health. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 844-850	1.2	4
31	Physical activity and lipidomics in a population at high risk of type 2 diabetes mellitus. <i>Journal of Sports Sciences</i> , 2020 , 38, 1150-1160	3.6	4
30	Micro-costing and a cost-consequence analysis of the 'Girls Active' programme: A cluster randomised controlled trial. <i>PLoS ONE</i> , 2019 , 14, e0221276	3.7	3
29	Evaluation and refinement of the PRESTART tool for identifying 12-14 year olds at high lifetime risk of developing type 2 diabetes compared to a clinicians assessment of risk: a cross-sectional study. <i>BMC Endocrine Disorders</i> , 2019 , 19, 79	3.3	3
28	Reply to Mekary, R.A.; Ding, E.L. Isotemporal Substitution as the Gold Standard Model for Physical Activity Epidemiology: Why It Is the Most Appropriate for Activity Time Research. <i>Int. J. Environ. Res. Public Health</i> 2019 , 16, 797. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	3
27	Steps per Day Measured by Consumer Activity Trackers Worn at the Non-Dominant and Dominant Wrist Relative to a Waist-Worn Pedometer. <i>Journal for the Measurement of Physical Behaviour</i> , 2018 , 1, 2-8	2.3	3

26	Moderate increases in daily step count are associated with reduced IL6 and CRP in women with PCOS. <i>Endocrine Connections</i> , 2018 , 7, 1442-1447	3.5	3
25	Equivalency of Sleep Estimates: Comparison of Three Research-Grade Accelerometers. <i>Journal for the Measurement of Physical Behaviour</i> , 2020 , 3, 294-303	2.3	3
24	Increasing physical activity levels following treatment for cervical cancer: an intervention mapping approach. <i>Journal of Cancer Survivorship</i> , 2021 , 1	5.1	3
23	Device-measured physical activity and its association with physical function in adults with type 2 diabetes mellitus. <i>Diabetic Medicine</i> , 2021 , 38, e14393	3.5	3
22	Association of depression and anxiety with clinical, sociodemographic, lifestyle and environmental factors in South Asian and white European individuals at high risk of diabetes. <i>Diabetic Medicine</i> , 2019 , 36, 1158-1167	3.5	2
21	Sit Less and Move More-A Multicomponent Intervention With and Without Height-Adjustable Workstations in Contact Center Call Agents: A Pilot Randomized Controlled Trial. <i>Journal of Occupational and Environmental Medicine</i> , 2021 , 63, 44-56	2	2
20	Improvements in Glycemic Control After Acute Moderate-Intensity Continuous or High-Intensity Interval Exercise Are Greater in South Asians Than White Europeans With Nondiabetic Hyperglycemia: A Randomized Crossover Study. <i>Diabetes Care</i> , 2021 , 44, 201-209	14.6	2
19	Comparing 24 h physical activity profiles: Office workers, women with a history of gestational diabetes and people with chronic disease condition(s). <i>Journal of Sports Sciences</i> , 2021 , 39, 219-226	3.6	2
18	Sleep duration and sleep efficiency in UK long-distance heavy goods vehicle drivers. <i>Occupational and Environmental Medicine</i> , 2021 ,	2.1	2
17	Feature selection for unsupervised machine learning of accelerometer data physical activity clusters - A systematic review. <i>Gait and Posture</i> , 2021 , 90, 120-128	2.6	2
16	Differences in Accelerometer-Measured Patterns of Physical Activity and Sleep/Rest Between Ethnic Groups and Age: An Analysis of UK Biobank. <i>Journal of Physical Activity and Health</i> , 2021 , 1-10	2.5	1
15	Maturational timing, physical self-perceptions and physical activity in UK adolescent females: investigation of a mediated effects model. <i>Annals of Human Biology</i> , 2020 , 47, 384-390	1.7	1
14	A randomised-controlled feasibility study of the REgulate your Sitting Time (RESIT) intervention for reducing sitting time in individuals with type 2 diabetes: study protocol. <i>Pilot and Feasibility Studies</i> , 2021 , 7, 76	1.9	1
13	Concurrent screen use and cross-sectional association with lifestyle behaviours and psychosocial health in adolescent females. <i>Acta Paediatrica, International Journal of Paediatrics</i> , 2021 , 110, 2164-2170 ^{3.1}		1
12	Stand Out in Class: Investigating the Potential Impact of a Sit-Stand Desk Intervention on Children's Sitting and Physical Activity during Class Time and after School. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	1
11	Promoting physical activity in a multi-ethnic population at high risk of diabetes: the 48-month PROPELS randomised controlled trial. <i>BMC Medicine</i> , 2021 , 19, 130	11.4	1
10	Effect of exercise on sleep and bi-directional associations with accelerometer-assessed physical activity in men with obesity. <i>Applied Physiology, Nutrition and Metabolism</i> , 2021 , 46, 597-605	3	1
9	Development of an Interactive Lifestyle Programme for Adolescents at Risk of Developing Type 2 Diabetes: PRE-START. <i>Children</i> , 2021 , 8,	2.8	1

8	Relative protein intake and associations with markers of physical function in those with type 2 diabetes.. <i>Diabetic Medicine</i> , 2022 , e14851	3.5	1
7	Normative wrist-worn accelerometer values for self-paced walking and running: a walk in the park. <i>Journal of Sports Sciences</i> , 2021 , 1-8	3.6	0
6	Behavioural interventions to promote physical activity in a multiethnic population at high risk of diabetes: PROPELS three-arm RCT.. <i>Health Technology Assessment</i> , 2021 , 25, 1-190	4.4	0
5	The impact of neighbourhood walkability on the effectiveness of a structured education programme to increase objectively measured walking. <i>Journal of Public Health</i> , 2018 , 40, 82-89	3.5	
4	Sedentary Behaviour, Diabetes, and the Metabolic Syndrome. <i>Springer Series on Epidemiology and Public Health</i> , 2018 , 193-214	0.4	
3	ACCEPTANCE: protocol for a feasibility study of a multicomponent physical activity intervention following treatment for cervical cancer.. <i>BMJ Open</i> , 2022 , 12, e048203	3	
2	Sedentary Time And Markers Of Physical Function In Those With Established Type 2 Diabetes. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 164-164	1.2	
1	Ethnic differences in the relationship between step cadence and physical function in older adults.. <i>Journal of Sports Sciences</i> , 2022 , 1-8	3.6	