Dale W Esliger

List of Publications by Year
in descending order

84	5,680	109321	79698
papers	citations	35 h-index	73 g-index

97	97	97	8173
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Usability of Wearable Multiparameter Technology to Continuously Monitor Free-Living Vital Signs in People Living With Chronic Obstructive Pulmonary Disease: Prospective Observational Study. JMIR Human Factors, 2022, 9, e30091.	2.0	10
2	A proof of concept for continuous, non-invasive, free-living vital signs monitoring to predict readmission following an acute exacerbation of COPD: a prospective cohort study. Respiratory Research, 2022, 23, 102.	3.6	5
3	Resistance to data loss from the Freestyle Libre: impact on glucose variability indices and recommendations for data analysis. Applied Physiology, Nutrition and Metabolism, 2021, 46, 148-154.	1.9	2
4	A digital lifestyle behaviour change intervention for the prevention of type 2 diabetes: a qualitative study exploring intuitive engagement with real-time glucose and physical activity feedback. BMC Public Health, 2021, 21, 130.	2.9	20
5	Changes in Device-Measured Physical Activity Patterns in U.K. Adults Related to the First COVID-19 Lockdown. Journal for the Measurement of Physical Behaviour, 2021, 4, 247-256.	0.8	5
6	Crossâ€sectional and prospective associations of sleep duration and bedtimes with adiposity and obesity risk in 15â€‰810 youth from 11 international cohorts. Pediatric Obesity, 2021, , e12873.	2.8	2
7	Metabolic Effects of Breaking Prolonged Sitting With Standing or Light Walking in Older South Asians and White Europeans: A Randomized Acute Study. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2020, 75, 139-146.	3.6	51
8	Meanings of sitting in the context of chronic disease: a critical reflection on sedentary behaviour, health, choice and enjoyment. Qualitative Research in Sport, Exercise and Health, 2020, 12, 363-376.	5.9	12
9	Predictors of the Acute Postprandial Response to Breaking Up Prolonged Sitting. Medicine and Science in Sports and Exercise, 2020, 52, 1385-1393.	0.4	13
10	Reducing sitting at work: process evaluation of the SMArT Work (Stand More At Work) intervention. Trials, 2020, 21, 403.	1.6	17
11	Psychometric proprieties of the Test of Gross Motor Developmentâ€“Third Edition in a large sample of Italian children. Journal of Science and Medicine in Sport, 2020, 23, 860-865.	1.3	12
12	A Cost and Cost-Benefit Analysis of the Stand More AT Work (SMArT Work) Intervention. International Journal of Environmental Research and Public Health, 2020, 17, 1214.	2.6	19
13	24-hour accelerometry in COPD: Exploring physical activity, sedentary behavior, sleep and clinical characteristics . International Journal of COPD, 2019, Volume 14, 419-430.	2.3	19
14	Objective physical activity and physical performance in middle-aged and older adults. Experimental Gerontology, 2019, 119, 203-211.	2.8	39
15	Protocol for a feasibility trial to inform the development of a breathlessness rehabilitation programme for chronic obstructive pulmonary disease and chronic heart failure (the COHERE trial). BMJ Open, 2019, 9, e029387.	1.9	4
16	Examining the Use of Glucose and Physical Activity Self-Monitoring Technologies in Individuals at Moderate to High Risk of Developing Type 2 Diabetes: Randomized Trial. JMIR MHealth and UHealth, 2019, 7, e14195.	3.7	26
17	Influence of muscle mass in the assessment of lower limb strength in COPD: validation of the prediction equation. Thorax, 2018, 73, 587-589.	5.6	1
18	The mediation effect of political interest on the connection between social trust and wellbeing among older adults. Ageing and Society, 2018, 38, 2376-2395.	1.7	9

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19	Effectiveness of the Stand More AT (SMArT) Work intervention: cluster randomised controlled trial. BMJ: British Medical Journal, 2018, 363, k3870.	2.3	137
20	The influence of South Asian ethnicity on the incremental shuttle walk test in UK adults. Chronic Respiratory Disease, 2018, 15, 241-249.	2.4	1
21	Measurement invariance of TGMD-3 in children with and without mental and behavioral disorders.. Psychological Assessment, 2018, 30, 1421-1429.	1.5	19
22	A Novel Algorithm for Determining the Contextual Characteristics of Movement Behaviors by Combining Accelerometer Features and Wireless Beacons: Development and Implementation. JMIR MHealth and UHealth, 2018, 6, e100.	3.7	10
23	Findings of the Chronic Obstructive Pulmonary Disease-Sitting and Exacerbations Trial (COPD-SEAT) in Reducing Sedentary Time Using Wearable and Mobile Technologies With Educational Support: Randomized Controlled Feasibility Trial. JMIR MHealth and UHealth, 2018, 6, e84.	3.7	43
24	Using Digital Health Technologies to Understand the Association Between Movement Behaviors and Interstitial Glucose: Exploratory Analysis. JMIR MHealth and UHealth, 2018, 6, e114.	3.7	9
25	Can functional magnetic resonance imaging studies help with the optimization of health messaging for lifestyle behavior change? A systematic review. Preventive Medicine, 2017, 99, 185-196.	3.4	13
26	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. BMJ Open, 2017, 7, e014456.	1.9	9
27	Evaluation of the implementation of a whole-workplace walking programme using the RE-AIM framework. BMC Public Health, 2017, 17, 466.	2.9	9
28	Harmonising data on the correlates of physical activity and sedentary behaviour in young people: Methods and lessons learnt from the international Childrenâ€™s Accelerometry database (ICAD). International Journal of Behavioral Nutrition and Physical Activity, 2017, 14, 174.	4.6	13
29	Sensing interstitial glucose to nudge active lifestyles (SIGNAL): feasibility of combining novel self-monitoring technologies for persuasive behaviour change. BMJ Open, 2017, 7, e018282.	1.9	6
30	Individual, employment and psychosocial factors influencing walking to work: Implications for intervention design. PLoS ONE, 2017, 12, e0171374.	2.5	17
31	Brain Activation in Response to Personalized Behavioral and Physiological Feedback From Self-Monitoring Technology: Pilot Study. Journal of Medical Internet Research, 2017, 19, e384.	4.3	5
32	Intensity Thresholds on Raw Acceleration Data: Euclidean Norm Minus One (ENMO) and Mean Amplitude Deviation (MAD) Approaches. PLoS ONE, 2016, 11, e0164045.	2.5	96
33	A dental stool with chest support reduces lower back muscle activation. International Journal of Occupational Safety and Ergonomics, 2016, 22, 301-304.	1.9	7
34	Novel technology to help understand the context of physical activity and sedentary behaviour. Physiological Measurement, 2016, 37, 1834-1851.	2.1	24
35	Validation of Accelerometer Prediction Equations in Children with Chronic Disease. Pediatric Exercise Science, 2016, 28, 117-132.	1.0	20
36	Study protocol for Chronic Obstructive Pulmonary Disease-Sitting and ExacerbAtions Trial (COPD-SEAT): a randomised controlled feasibility trial of a home-based self-monitoring sedentary behaviour intervention. BMJ Open, 2016, 6, e013014.	1.9	9

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37	Association between maternal education and objectively measured physical activity and sedentary time in adolescents. Journal of Epidemiology and Community Health, 2016, 70, 541-548.	3.7	53
38	Moderate-to-Vigorous Physical Activity, Indices of Cognitive Control, and Academic Achievement in Preadolescents. Journal of Pediatrics, 2016, 173, 136-142.	1.8	57
39	Devices for Self-Monitoring Sedentary Time or Physical Activity: A Scoping Review. Journal of Medical Internet Research, 2016, 18, e90.	4.3	98
40	Hepatic steatosis is associated with lower levels of physical activity measured via accelerometry. Obesity, 2015, 23, 1259-1266.	3.0	20
41	Accounting for Sitting and Moving: An Analysis of Sedentary Behavior in Mass Media Campaigns. Journal of Physical Activity and Health, 2015, 12, 1198-1204.	2.0	10
42	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. BMC Public Health, 2015, 16, 25.	2.9	81
43	Objectively measured physical activity and sedentary time in youth: the International childrenâ€™s accelerometry database (ICAD). International Journal of Behavioral Nutrition and Physical Activity, 2015, 12, 113.	4.6	556
44	Utilization and Harmonization of Adult Accelerometry Data. Medicine and Science in Sports and Exercise, 2015, 47, 2129-2139.	0.4	222
45	A Multi-Channel Opto-Electronic Sensor to Accurately Monitor Heart Rate against Motion Artefact during Exercise. Sensors, 2015, 15, 25681-25702.	3.8	40
46	The effects of sports participation on the development of left ventricular mass in adolescent boys. American Journal of Human Biology, 2015, 27, 530-537.	1.6	3
47	Physical Activity Measured by Accelerometry and its Associations With Cardiac Structure and Vascular Function in Young and Middleâ€Aged Adults. Journal of the American Heart Association, 2015, 4, e001528.	3.7	66
48	Moderateâ€toâ€Vigorous Physical Activity With Accelerometry is Associated With Visceral Adipose Tissue in Adults. Journal of the American Heart Association, 2015, 4, e001379.	3.7	36
49	Accelerometer Adherence and Performance in a Cohort Study of US Hispanic Adults. Medicine and Science in Sports and Exercise, 2015, 47, 725-734.	0.4	73
50	Enhancement of absorption and resistance of motion utilizing a multi-channel opto-electronic sensor to effectively monitor physiological signs during sport exercise. Proceedings of SPIE, 2015, , .	0.8	0
51	Technologies That Assess the Location of Physical Activity and Sedentary Behavior: A Systematic Review. Journal of Medical Internet Research, 2015, 17, e192.	4.3	65
52	The London Exercise And Pregnant smokers (LEAP) trial: a randomised controlled trial of physical activity for smoking cessation in pregnancy with an economic evaluation. Health Technology Assessment, 2015, 19, 1-136.	2.8	30
53	Effects of intradialytic cycling compared with pedometry on physical function in chronic outpatient hemodialysis: a prospective randomized trial. Nephrology Dialysis Transplantation, 2014, 29, 1947-1955.	0.7	74
54	Concurrent and prospective associations among biological maturation, and physical activity at 11 and 13 years of age. Scandinavian Journal of Medicine and Science in Sports, 2014, 24, e20-8.	2.9	26

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55	Using threshold messages to promote physical activity: implications for public perceptions of health effects. European Journal of Public Health, 2014, 24, 195-199.	0.3	21
56	Effects of Moderate-to-Vigorous Intensity Physical Activity on Overnight and Next-Day Hypoglycemia in Active Adolescents With Type 1 Diabetes. Diabetes Care, 2014, 37, 1272-1278.	8.6	65
57	Lack of knowledge of physical activity guidelines: can physical activity promotion campaigns do better?: TableÂ1. BMJ Open, 2013, 3, e003633.	1.9	68
58	Sustained and Shorter Bouts of Physical Activity Are Related to Cardiovascular Health. Medicine and Science in Sports and Exercise, 2013, 45, 109-115.	0.4	161
59	Moderate to Vigorous Physical Activity and Sedentary Time and Cardiometabolic Risk Factors in Children and Adolescents. JAMA - Journal of the American Medical Association, 2012, 307, 704.	7.4	913
60	Tracking of accelerometry-measured physical activity during childhood: ICAD pooled analysis. International Journal of Behavioral Nutrition and Physical Activity, 2012, 9, 68.	4.6	38
61	Smart Cities, Healthy Kids: The Association Between Neighbourhood Design and Childrenâ€™s Physical Activity and Time Spent Sedentary. Canadian Journal of Public Health, 2012, 103, S22-S28.	2.3	12
62	International children's accelerometry database (ICAD): Design and methods. BMC Public Health, 2011, 11, 485.	2.9	118
63	Validation of the GENEA Accelerometer. Medicine and Science in Sports and Exercise, 2011, 43, 1085-1093.	0.4	471
64	Physical Activity Profile of Old Order Amish, Mennonite, and Contemporary Children. Medicine and Science in Sports and Exercise, 2010, 42, 296-303.	0.4	38
65	Validation of the Actiheart activity monitor for measurement of activity energy expenditure in children and adolescents with chronic disease. European Journal of Clinical Nutrition, 2010, 64, 1494-1500.	2.9	41
66	Technical Reliability Assessment of the Actigraph GT1M Accelerometer. Measurement in Physical Education and Exercise Science, 2010, 14, 79-91.	1.8	47
67	The relationship between girlsâ€™ (8â€“14 years) physical activity and maternal education. Annals of Human Biology, 2009, 36, 573-583.	1.0	18
68	Accelerometer Assessment of Physical Activity in Active, Healthy Older Adults. Journal of Aging and Physical Activity, 2009, 17, 17-30.	1.0	325
69	Moving forward by looking back: lessons learned from long-lost lifestyles. Applied Physiology, Nutrition and Metabolism, 2008, 33, 836-842.	1.9	28
70	Age and Gender Differences in Youth Physical Activity. Medicine and Science in Sports and Exercise, 2007, 39, 830-835.	0.4	192
71	Validity of the Actical Accelerometer Step-Count Function. Medicine and Science in Sports and Exercise, 2007, 39, 1200-1204.	0.4	99
72	Comparative Validity Assessment of Five Activity Monitors: Does Being a Child Matter?. Pediatric Exercise Science, 2007, 19, 291-309.	1.0	25

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73	Physical Activity and Body Mass Index of Children in an Old Order Amish Community. Medicine and Science in Sports and Exercise, 2007, 39, 410-415.	0.4	55
74	Physical activity guidelines and guides for Canadians: facts and futureThis article is part of a supplement entitled Advancing physical activity measurement and guidelines in Canada: a scientific review and evidence-based foundation for the future of Canadian physical activity guidelines co-published by Applied Physiology, Nutrition, and Metabolism and the Canadian Journal of Public Health. It may be cited as Appl. Physiol. Nutr. Metab. 32(Suppl. 2E) or as Can. J. Public Health 98(Suppl.) Tj ETQq0 0 0 rgBT /Overlock 10	1.9	16
75	assessmentThis article is part of a supplement entitled Advancing physical activity measurement and guidelines in Canada: a scientific review and evidence-based foundation for the future of Canadian physical activity guidelines co-published by Applied Physiology, Nutrition, and Metabolism	1.9	32
76	Physical activity and inactivity profiling: the next generationThis article is part of a supplement entitled Advancing physical activity measurement and guidelines in Canada: a scientific review and evidence-based foundation for the future of Canadian physical activity guidelines co-published by Applied Physiology, Nutrition, and Metabolism and the Canadian Journal of Public Health. It may be cited as Appl. Physiol. Nutr. Metab. 32(Suppl. 2E) or as Can. J. Public Health 98(Suppl. 2).. Applied Physiology, Nutrition and Metabolism, 2007, 32, S195-S207.	1.9	58
77	Physical activity and inactivity profiling: the next generation. Canadian Journal of Public Health, 2007, 98 Suppl 2, S195-207.	2.3	38
78	The Effects of Conjugated Linoleic Acid Supplementation during Resistance Training. Medicine and Science in Sports and Exercise, 2006, 38, 339-348.	0.4	60
79	Technical Reliability Assessment of Three Accelerometer Models in a Mechanical Setup. Medicine and Science in Sports and Exercise, 2006, 38, 2173-2181.	0.4	194
80	Physical Activity Levels in Children of an Old Order Amish Community. Medicine and Science in Sports and Exercise, 2006, 38, S81-S82.	0.4	0
81	The Effect of Height on the Validity of Three Accelerometer Models. Medicine and Science in Sports and Exercise, 2006, 38, S559.	0.4	0
82	Conquering Childhood Inactivity: Is the Answer in the Past?. Medicine and Science in Sports and Exercise, 2005, 37, 1187-1194.	0.4	47
83	Standardizing and Optimizing the Use of Accelerometer Data for Free-Living Physical Activity Monitoring. Journal of Physical Activity and Health, 2005, 2, 366-383.	2.0	266
84	Conjugated Linoleic Acid Supplementation During Strength Training. Medicine and Science in Sports and Exercise, 2004, 36, S284.	0.4	0