

Matthew P Buman

List of Publications by Year in descending order

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Version: 2024-02-01

198
papers

12,086
citations

50244

46
h-index

33869

99
g-index

203
all docs

203
docs citations

203
times ranked

13950
citing authors

#	ARTICLE	IF	CITATIONS
1	World Health Organization 2020 guidelines on physical activity and sedentary behaviour. <i>British Journal of Sports Medicine</i> , 2020, 54, 1451-1462.	3.1	4,050
2	Objective Light-Intensity Physical Activity Associations With Rated Health in Older Adults. <i>American Journal of Epidemiology</i> , 2010, 172, 1155-1165.	1.6	460
3	Reallocating Time to Sleep, Sedentary Behaviors, or Active Behaviors: Associations With Cardiovascular Disease Risk Biomarkers, NHANES 2005-2006. <i>American Journal of Epidemiology</i> , 2014, 179, 323-334.	1.6	317
4	The Current State of Physical Activity Assessment Tools. <i>Progress in Cardiovascular Diseases</i> , 2015, 57, 387-395.	1.6	303
5	Twenty-four Hours of Sleep, Sedentary Behavior, and Physical Activity with Nine Wearable Devices. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 457-465.	0.2	265
6	Harnessing Different Motivational Frames via Mobile Phones to Promote Daily Physical Activity and Reduce Sedentary Behavior in Aging Adults. <i>PLoS ONE</i> , 2013, 8, e62613.	1.1	259
7	Mind the theoretical gap. , 2013, , .		194
8	The 24-Hour Activity Cycle: A New Paradigm for Physical Activity. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 454-464.	0.2	182
9	Agile science: creating useful products for behavior change in the real world. <i>Translational Behavioral Medicine</i> , 2016, 6, 317-328.	1.2	171
10	Advancing the global physical activity agenda: recommendations for future research by the 2020 WHO physical activity and sedentary behavior guidelines development group. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020, 17, 143.	2.0	166
11	Sedentary time in older adults: a critical review of measurement, associations with health, and interventions. <i>British Journal of Sports Medicine</i> , 2017, 51, 1539-1539.	3.1	155
12	Future directions in physical activity intervention research: expanding our focus to sedentary behaviors, technology, and dissemination. <i>Journal of Behavioral Medicine</i> , 2017, 40, 112-126.	1.1	151
13	Direct comparison of two actigraphy devices with polysomnographically recorded naps in healthy young adults. <i>Chronobiology International</i> , 2013, 30, 691-698.	0.9	148
14	Reliability and Validity of CHAMPS Self-Reported Sedentary-to-Vigorous Intensity Physical Activity in Older Adults. <i>Journal of Physical Activity and Health</i> , 2012, 9, 225-236.	1.0	131
15	Exercise as a Treatment to Enhance Sleep. <i>American Journal of Lifestyle Medicine</i> , 2010, 4, 500-514.	0.8	130
16	Does nighttime exercise really disturb sleep? Results from the 2013 National Sleep Foundation Sleep in America Poll. <i>Sleep Medicine</i> , 2014, 15, 755-761.	0.8	128
17	Physical Activity Promotion: Highlights from the 2018 Physical Activity Guidelines Advisory Committee Systematic Review. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 1340-1353.	0.2	127
18	New global guidelines on sedentary behaviour and health for adults: broadening the behavioural targets. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020, 17, 151.	2.0	121

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19	Effects of Three Motivationally Targeted Mobile Device Applications on Initial Physical Activity and Sedentary Behavior Change in Midlife and Older Adults: A Randomized Trial. PLoS ONE, 2016, 11, e0156370.	1.1	117
20	Peer Volunteers Improve Long-Term Maintenance of Physical Activity With Older Adults: A Randomized Controlled Trial. Journal of Physical Activity and Health, 2011, 8, S257-S266.	1.0	116
21	Tutorial for Using Control Systems Engineering to Optimize Adaptive Mobile Health Interventions. Journal of Medical Internet Research, 2018, 20, e214.	2.1	109
22	Longitudinal Study of Depressive Symptoms and Social Support in Adolescent Mothers. Maternal and Child Health Journal, 2012, 16, 894-901.	0.7	107
23	Targeting Reductions in Sitting Time to Increase Physical Activity and Improve Health. Medicine and Science in Sports and Exercise, 2017, 49, 1572-1582.	0.2	100
24	Validation of Physical Activity Tracking via Android Smartphones Compared to ActiGraph Accelerometer: Laboratory-Based and Free-Living Validation Studies. JMIR MHealth and UHealth, 2015, 3, e36.	1.8	96
25	Exercise and sleep in community-dwelling older adults: evidence for a reciprocal relationship. Journal of Sleep Research, 2014, 23, 61-68.	1.7	94
26	Integrating Physical Activity in Primary Care Practice. American Journal of Medicine, 2016, 129, 1022-1029.	0.6	93
27	Leveraging Citizen Science and Information Technology for Population Physical Activity Promotion. Translational Journal of the American College of Sports Medicine, 2016, 1, 30-44.	0.3	92
28	Validation of Consumer-Based Hip and Wrist Activity Monitors in Older Adults With Varied Ambulatory Abilities. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2017, 72, 229-236.	1.7	91
29	Wearable Technology and Physical Activity in Chronic Disease: Opportunities and Challenges. American Journal of Preventive Medicine, 2018, 54, 144-150.	1.6	89
30	Sedentary time in older men and women: an international consensus statement and research priorities. British Journal of Sports Medicine, 2017, 51, 1526-1532.	3.1	84
31	Adaptive step goals and rewards: a longitudinal growth model of daily steps for a smartphone-based walking intervention. Journal of Behavioral Medicine, 2018, 41, 74-86.	1.1	83
32	Physical activity program delivery by professionals versus volunteers: The TEAM randomized trial.. Health Psychology, 2011, 30, 285-294.	1.3	80
33	Depression, Parenting Attributes, and Social Support among Adolescent Mothers Attending a Teen Tot Program. Journal of Pediatric and Adolescent Gynecology, 2008, 21, 275-281.	0.3	76
34	The Stanford Healthy Neighborhood Discovery Tool. American Journal of Preventive Medicine, 2013, 44, e41-e47.	1.6	73
35	Leveraging Citizen Science and Information Technology for Population Physical Activity Promotion. Translational Journal of the American College of Sports Medicine, 2016, 1, 30-44.	0.3	66
36	Behavioral Impacts of Sequentially versus Simultaneously Delivered Dietary Plus Physical Activity Interventions: the CALM Trial. Annals of Behavioral Medicine, 2013, 46, 157-168.	1.7	63

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37	Effects of Standing and Light-Intensity Activity on Ambulatory Blood Pressure. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 175-181.	0.2	63
38	Associations of Overall Sedentary Time and Screen Time with Sleep Outcomes. <i>American Journal of Health Behavior</i> , 2015, 39, 62-67.	0.6	60
39	Using Citizen Scientists to Gather, Analyze, and Disseminate Information About Neighborhood Features That Affect Active Living. <i>Journal of Immigrant and Minority Health</i> , 2016, 18, 1126-1138.	0.8	60
40	Trajectories of objectively-measured physical activity and sedentary time over the course of pregnancy in women self-identified as inactive. <i>Preventive Medicine Reports</i> , 2016, 3, 353-360.	0.8	58
41	Experiences and Coping Responses of "Hitting the Wall" for Recreational Marathon Runners. <i>Journal of Applied Sport Psychology</i> , 2008, 20, 282-300.	1.4	57
42	Acute effects on cognitive performance following bouts of standing and light-intensity physical activity in a simulated workplace environment. <i>Journal of Science and Medicine in Sport</i> , 2017, 20, 489-493.	0.6	57
43	Moderators and mediators of exercise-induced objective sleep improvements in midlife and older adults with sleep complaints. <i>Health Psychology</i> , 2011, 30, 579-587.	1.3	56
44	GIS-measured walkability, transit, and recreation environments in relation to older Adults' physical activity: A latent profile analysis. <i>Preventive Medicine</i> , 2016, 93, 57-63.	1.6	54
45	Neighborhood Eating and Activity Advocacy Teams (NEAAT): engaging older adults in policy activities to improve food and physical environments. <i>Translational Behavioral Medicine</i> , 2012, 2, 249-253.	1.2	51
46	Self-Experimentation for Behavior Change. , 2017, , .		49
47	Neighborhood disadvantage is associated with actigraphy-assessed sleep continuity and short sleep duration. <i>Sleep</i> , 2018, 41, .	0.6	49
48	A dynamical systems model of Social Cognitive Theory. , 2014, , .		48
49	Exercise effects on night-to-night fluctuations in self-rated sleep among older adults with sleep complaints. <i>Journal of Sleep Research</i> , 2011, 20, 28-37.	1.7	47
50	Feasibility of three wearable sensors for 24-hour monitoring in middle-aged women. <i>BMC Women's Health</i> , 2015, 15, 55.	0.8	47
51	Development of a dynamic computational model of social cognitive theory. <i>Translational Behavioral Medicine</i> , 2016, 6, 483-495.	1.2	47
52	Associations of context-specific sitting time with markers of cardiometabolic risk in Australian adults. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2018, 15, 114.	2.0	47
53	BeWell24: development and process evaluation of a smartphone "app" to improve sleep, sedentary, and active behaviors in US Veterans with increased metabolic risk. <i>Translational Behavioral Medicine</i> , 2016, 6, 438-448.	1.2	46
54	Associations of Accelerometer-Measured Sedentary Time and Physical Activity With Prospectively Assessed Cardiometabolic Risk Factors: The CARDIA Study. <i>Journal of the American Heart Association</i> , 2019, 8, e010212.	1.6	46

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55	Social ecological correlates of workplace sedentary behavior. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017, 14, 117.	2.0	45
56	Peer volunteers improve long-term maintenance of physical activity with older adults: a randomized controlled trial. <i>Journal of Physical Activity and Health</i> , 2011, 8 Suppl 2, S257-66.	1.0	45
57	Analysis and Interpretation of Accelerometry Data in Older Adults: The LIFE Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2016, 71, 521-528.	1.7	44
58	Descriptive and narrative reports of barriers and motivators to physical activity in sedentary older adults. <i>Psychology of Sport and Exercise</i> , 2010, 11, 223-230.	1.1	43
59	Global Public Health Guidelines on Physical Activity and Sedentary Behavior for People Living With Chronic Conditions: A Call to Action. <i>Journal of Physical Activity and Health</i> , 2021, 18, 76-85.	1.0	43
60	Hitting the wall in the marathon: Phenomenological characteristics and associations with expectancy, gender, and running history. <i>Psychology of Sport and Exercise</i> , 2008, 9, 177-190.	1.1	41
61	Free-living cross-comparison of two wearable monitors for sleep and physical activity in healthy young adults. <i>Physiology and Behavior</i> , 2016, 157, 79-86.	1.0	41
62	Evaluating the Evidence on Sitting, Smoking, and Health: Is Sitting Really the New Smoking?. <i>American Journal of Public Health</i> , 2018, 108, 1478-1482.	1.5	41
63	Reliability of a new measure to assess modern screen time in adults. <i>BMC Public Health</i> , 2019, 19, 1386.	1.2	41
64	Effects of Standing and Light-Intensity Walking and Cycling on 24-h Glucose. <i>Medicine and Science in Sports and Exercise</i> , 2016, 48, 2503-2511.	0.2	40
65	Efficacy of the "Stand and Move at Work"™ multicomponent workplace intervention to reduce sedentary time and improve cardiometabolic risk: a group randomized clinical trial. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020, 17, 133.	2.0	40
66	Sitting and Television Viewing. <i>Chest</i> , 2015, 147, 728-734.	0.4	38
67	An intervention to reduce sitting and increase light-intensity physical activity at work: Design and rationale of the "Stand & Move at Work"™ group randomized trial. <i>Contemporary Clinical Trials</i> , 2017, 53, 11-19.	0.8	38
68	Food Marketing to Children Through Toys. <i>American Journal of Preventive Medicine</i> , 2012, 42, 56-60.	1.6	37
69	Modeling individual differences: A case study of the application of system identification for personalizing a physical activity intervention. <i>Journal of Biomedical Informatics</i> , 2018, 79, 82-97.	2.5	37
70	A preliminary study of a composite sleep health score: associations with psychological distress, body mass index, and physical functioning in a low-income African American community. <i>Sleep Health</i> , 2019, 5, 514-520.	1.3	37
71	Intervention Markers of Physical Activity Maintenance in Older Adults. <i>American Journal of Health Behavior</i> , 2015, 39, 487-499.	0.6	36
72	From TVs to tablets: the relation between device-specific screen time and health-related behaviors and characteristics. <i>BMC Public Health</i> , 2020, 20, 1295.	1.2	36

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73	Use of Power Assist Wheels Results in Increased Distance Traveled Compared with Conventional Manual Wheeling. <i>American Journal of Physical Medicine and Rehabilitation</i> , 2010, 89, 625-634.	0.7	35
74	Exploring Behavioral Markers of Long-Term Physical Activity Maintenance. <i>Health Education and Behavior</i> , 2013, 40, 51S-62S.	1.3	35
75	Long-term effects of sit-stand workstations on workplace sitting: A natural experiment. <i>Journal of Science and Medicine in Sport</i> , 2018, 21, 811-816.	0.6	33
76	Wearable Devices to Improve Physical Activity and Sleep. <i>Journal of Black Studies</i> , 2016, 47, 610-625.	0.5	32
77	Sedentary Behaviors and Cardiometabolic Risk: An Isotemporal Substitution Analysis. <i>American Journal of Epidemiology</i> , 2018, 187, 181-189.	1.6	32
78	Are daily fluctuations in perceived environment associated with walking?. <i>Psychology and Health</i> , 2012, 27, 1009-1020.	1.2	30
79	Increasing US health plan coverage for exercise programming in community mental health settings for people with serious mental illness: a position statement from the Society of Behavior Medicine and the American College of Sports Medicine. <i>Translational Behavioral Medicine</i> , 2016, 6, 478-481.	1.2	30
80	No Significant Differences in Muscle Growth and Strength Development When Consuming Soy and Whey Protein Supplements Matched for Leucine Following a 12 Week Resistance Training Program in Men and Women: A Randomized Trial. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 3871.	1.2	28
81	Harnessing the potential of older adults to measure and modify their environments: long-term successes of the Neighborhood Eating and Activity Advocacy Team (NEAAT) Study. <i>Translational Behavioral Medicine</i> , 2014, 4, 226-227.	1.2	27
82	Controversies in the Science of Sedentary Behaviour and Health: Insights, Perspectives and Future directions from the 2018 Queensland Sedentary Behaviour Think Tank. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 4762.	1.2	27
83	Exercise advice by humans versus computers: Maintenance effects at 18 months.. <i>Health Psychology</i> , 2014, 33, 192-196.	1.3	27
84	Reallocating Time to Sleep, Sedentary Time, or Physical Activity: Associations with Waist Circumference and Body Mass Index in Breast Cancer Survivors. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2017, 26, 254-260.	1.1	26
85	Validity and reliability of Nike+ Fuelband for estimating physical activity energy expenditure. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2015, 7, 14.	0.7	25
86	Development of a Control-Oriented Model of Social Cognitive Theory for Optimized mHealth Behavioral Interventions. <i>IEEE Transactions on Control Systems Technology</i> , 2020, 28, 331-346.	3.2	25
87	Broken Windows, Broken Zzs: Poor Housing and Neighborhood Conditions Are Associated with Objective Measures of Sleep Health. <i>Journal of Urban Health</i> , 2020, 97, 230-238.	1.8	25
88	Implementation of Wireless Terminals at Farmersâ€™ Markets: Impact on SNAP Redemption and Overall Sales. <i>American Journal of Public Health</i> , 2012, 102, e53-e55.	1.5	24
89	Association of sleep duration with kidney function and albuminuria: NHANES 2009-2012. <i>Sleep Health</i> , 2016, 2, 75-81.	1.3	24
90	Dose and timing of text messages for increasing physical activity among pregnant women: a randomized controlled trial. <i>Translational Behavioral Medicine</i> , 2017, 7, 212-223.	1.2	24

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91	Physical activity and sedentary time are related to clinically relevant health outcomes among adults with obstructive lung disease. <i>BMC Pulmonary Medicine</i> , 2018, 18, 98.	0.8	24
92	Identifying Free-Living Physical Activities Using Lab-Based Models with Wearable Accelerometers. <i>Sensors</i> , 2018, 18, 3893.	2.1	23
93	A Measurement and Conceptual Investigation of Exercise Imagery Establishing Construct Validity. <i>Research Quarterly for Exercise and Sport</i> , 2010, 81, 485-493.	0.8	22
94	Evaluation of Raising Adolescent Families Together Program: A Medical Home for Adolescent Mothers and Their Children. <i>American Journal of Public Health</i> , 2012, 102, 1879-1885.	1.5	22
95	Food Insecurity is Associated with Objectively Measured Sleep Problems. <i>Behavioral Sleep Medicine</i> , 2020, 18, 719-729.	1.1	22
96	Rural Food and Physical Activity Assessment Using an Electronic Tablet-Based Application, New York, 2013â€“2014. <i>Preventing Chronic Disease</i> , 2015, 12, E102.	1.7	21
97	A qualitative study of shopper experiences at an urban farmersâ€™ market using the Stanford Healthy Neighborhood Discovery Tool. <i>Public Health Nutrition</i> , 2015, 18, 994-1000.	1.1	21
98	A Multi-featured Approach for Wearable Sensor-Based Human Activity Recognition. , 2016, , .		21
99	Reallocating time to sleep, sedentary, and active behaviours in non-Hodgkin lymphoma survivors: associations with patient-reported outcomes. <i>Annals of Hematology</i> , 2017, 96, 749-755.	0.8	21
100	Effects of a wearable technology-based physical activity intervention on sleep quality in breast cancer survivors: the ACTIVATE Trial. <i>Journal of Cancer Survivorship</i> , 2021, 15, 273-280.	1.5	21
101	Impact of San Franciscoâ€™s Toy Ordinance on Restaurants and Childrenâ€™s Food Purchases, 2011â€“2012. <i>Preventing Chronic Disease</i> , 2014, 11, E122.	1.7	19
102	The CHOICE study: A taste-test of utilitarian vs. leisure walking among older adults.. <i>Health Psychology</i> , 2012, 31, 126-129.	1.3	18
103	Psychosocial predictors of gestational weight gain and the role of mindfulness. <i>Midwifery</i> , 2018, 56, 86-93.	1.0	18
104	A discrete-time hazard model of hitting the wall in recreational marathon runners. <i>Psychology of Sport and Exercise</i> , 2009, 10, 662-666.	1.1	17
105	Development and design of an intervention to improve physical activity in pregnant women using Text4baby. <i>Translational Behavioral Medicine</i> , 2016, 6, 285-294.	1.2	16
106	Statistical Analysis of Window Sizes and Sampling Rates in Human Activity Recognition. , 2017, , .		16
107	Behavioral Periodicity Detection from 24-h Wrist Accelerometry and Associations with Cardiometabolic Risk and Health-Related Quality of Life. <i>BioMed Research International</i> , 2016, 2016, 1-9.	0.9	15
108	Actigraphy features for predicting mobility disability in older adults. <i>Physiological Measurement</i> , 2016, 37, 1813-1833.	1.2	15

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109	Association of Posture and Ambulation With Function 30 Days After Hospital Discharge in Older Adults with Heart Failure. <i>Journal of Cardiac Failure</i> , 2018, 24, 126-130.	0.7	15
110	Emergent themes in the writing of perfectionists: A qualitative study. <i>Psychotherapy Research</i> , 2011, 21, 510-524.	1.1	14
111	Validity of the Rapid Eating Assessment for Patients for assessing dietary patterns in NCAA athletes. <i>Journal of the International Society of Sports Nutrition</i> , 2014, 11, 42.	1.7	14
112	Eating Decisions Based on Alertness Levels After a Single Night of Sleep Manipulation: A Randomized Clinical Trial. <i>Sleep</i> , 2017, 40, .	0.6	14
113	Does investing in low-income urban neighborhoods improve sleep?. <i>Sleep</i> , 2021, 44, .	0.6	14
114	Accuracy and Precision of Energy Expenditure, Heart Rate, and Steps Measured by Combined-Sensing Fitbits Against Reference Measures: Systematic Review and Meta-analysis. <i>JMIR MHealth and UHealth</i> , 2022, 10, e35626.	1.8	14
115	PI-Net: A Deep Learning Approach to Extract Topological Persistence Images. , 2020, 2020, 3639-3648.		13
116	Determining who responds better to a computer- vs. human-delivered physical activity intervention: results from the community health advice by telephone (CHAT) trial. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2013, 10, 109.	2.0	12
117	Reallocating bouted sedentary time to non-bouted sedentary time, light activity and moderate-vigorous physical activity in adults with prediabetes and type 2 diabetes. <i>PLoS ONE</i> , 2017, 12, e0181053.	1.1	12
118	Do Sleep and Psychological Distress Mediate the Association Between Neighborhood Factors and Pain?. <i>Pain Medicine</i> , 2019, 20, 278-289.	0.9	12
119	Pain inconsistency and sleep in mid to late-life: the role of depression. <i>Aging and Mental Health</i> , 2019, 23, 1174-1179.	1.5	12
120	A feasibility study of a peer-facilitated physical activity intervention in methadone maintenance. <i>Mental Health and Physical Activity</i> , 2021, 21, 100419.	0.9	12
121	Effects of replacing sitting time with physical activity on lung function: An analysis of the Canadian Longitudinal Study on Aging. <i>Health Reports</i> , 2019, 30, 12-23.	0.6	12
122	A statistical estimation framework for energy expenditure of physical activities from a wrist-worn accelerometer. , 2016, 2016, 2631-2635.		11
123	Movement behaviours are associated with lung function in middle-aged and older adults: a cross-sectional analysis of the Canadian longitudinal study on aging. <i>BMC Public Health</i> , 2018, 18, 818.	1.2	11
124	Preadmission predictors of graduation success from a physical therapy education program in the United States. <i>Journal of Educational Evaluation for Health Professions</i> , 2019, 16, 5.	5.9	11
125	Validation of a Smartphone App for the Assessment of Sedentary and Active Behaviors. <i>JMIR MHealth and UHealth</i> , 2017, 5, e119.	1.8	10
126	Content and Perceived Utility of Mental Imagery by Older Adults in a Peer-Delivered Physical Activity Intervention. <i>Journal of Applied Sport Psychology</i> , 2014, 26, 129-143.	1.4	9

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127	Comparison of Concentric and Eccentric Bench Press Repetitions to Failure. <i>Journal of Strength and Conditioning Research</i> , 2015, 29, 1027-1032.	1.0	9
128	A Novel Inexpensive Use of Smartphone Technology for Ecological Momentary Assessment in Middle-Aged Women. <i>Journal of Physical Activity and Health</i> , 2016, 13, 262-268.	1.0	9
129	Efficacy of a Student-Led, Community-Based, Multifactorial Fall Prevention Program: Stay in Balance. <i>Frontiers in Public Health</i> , 2017, 5, 30.	1.3	9
130	Postexercise Hemodynamic Responses in Lean and Obese Men. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 2292-2300.	0.2	9
131	Unsupervised Pre-trained Models from Healthy ADLs Improve Parkinson's Disease Classification of Gait Patterns. , 2020, 2020, 784-788.		9
132	Objectively measured sleep and health-related quality of life in older adults with type 2 diabetes: a cross-sectional study from the Alberta's Caring for Diabetes Study. <i>Sleep Health</i> , 2017, 3, 102-106.	1.3	9
133	Formative work in the development of a physical activity smartphone app targeted for patients with alcohol use disorders. <i>Psychology of Sport and Exercise</i> , 2019, 41, 162-171.	1.1	8
134	Rationale, design, and development of SleepWell24: A smartphone application to promote adherence to positive airway pressure therapy among patients with obstructive sleep apnea. <i>Contemporary Clinical Trials</i> , 2020, 89, 105908.	0.8	8
135	Physical Activity and Public Health: Four Decades of Progress. <i>Kinesiology Review</i> , 2021, 10, 319-330.	0.4	8
136	Sleep and Pain in Mid- to Late-Life: An Exploration of Day-to-Day Pain Inconsistency. <i>Clinical Gerontologist</i> , 2018, 41, 123-129.	1.2	8
137	Learning approach for classification of GENEActiv accelerometer data for unique activity identification. , 2016, , .		7
138	Temporal Alignment Improves Feature Quality: An Experiment on Activity Recognition with Accelerometer Data. , 2018, , .		7
139	Relationship Between Mindfulness and Posttraumatic Stress in Women Who Experienced Stillbirth. <i>JOGNN - Journal of Obstetric, Gynecologic, and Neonatal Nursing</i> , 2018, 47, 760-770.	0.2	7
140	Effectiveness of early care and education center-based interventions for improving cardiovascular fitness in early childhood: A systematic review and meta-analysis. <i>Preventive Medicine Reports</i> , 2019, 15, 100915.	0.8	7
141	Current and 1-Year Psychological and Physical Effects of Replacing Sedentary Time With Time in Other Behaviors. <i>American Journal of Preventive Medicine</i> , 2020, 59, 12-20.	1.6	7
142	Enrollment Strategies, Barriers to Participation, and Reach of a Workplace Intervention Targeting Sedentary Behavior. <i>American Journal of Health Promotion</i> , 2019, 33, 225-236.	0.9	6
143	A pilot study examining activity monitor use in older adults with heart failure during and after hospitalization. <i>Geriatric Nursing</i> , 2019, 40, 185-189.	0.9	6
144	Violent crime, police presence and poor sleep in two low-income urban predominantly Black American neighbourhoods. <i>Journal of Epidemiology and Community Health</i> , 2020, 75, jech-2020-214500.	2.0	6

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145	Resting Energy Expenditure Relationship with Macronutrients and Gestational Weight Gain: A Pilot Study. <i>Nutrients</i> , 2020, 12, 450.	1.7	6
146	Exploring Correlates of Preschool-Aged Children's Locomotor Skills: Individual and Parent Demographics and Home Environment. <i>Perceptual and Motor Skills</i> , 2021, 128, 649-671.	0.6	6
147	Role of Data Augmentation Strategies in Knowledge Distillation for Wearable Sensor Data. <i>IEEE Internet of Things Journal</i> , 2022, 9, 12848-12860.	5.5	6
148	Heterogeneous Vascular Responses to Lifestyle Intervention in Obese Latino Adolescents. <i>Metabolic Syndrome and Related Disorders</i> , 2014, 12, 509-515.	0.5	5
149	Assisted Cycling Therapy (ACT) Improves Adaptive Behaviors in Adolescents with Down Syndrome. <i>Journal of Developmental and Physical Disabilities</i> , 2020, 32, 535-552.	1.0	5
150	Scope, Impact, and Methods of National Institutes of Health Funded Research in Kinesiology. <i>Kinesiology Review</i> , 2012, 1, 118-128.	0.4	4
151	Comparing Gaussian Mixture Model and Hidden Markov Model to Classify Unique Physical Activities from Accelerometer Sensor Data. , 2016, , .		4
152	Effect of a Long-Term Physical Activity Intervention on Resting Pulse Rate in Older Persons: Results from the Lifestyle Interventions and Independence for Elders Study. <i>Journal of the American Geriatrics Society</i> , 2016, 64, 2511-2516.	1.3	4
153	Using Point-of-Choice Prompts to Reduce Sedentary Behavior in Sit-Stand Workstation Users. <i>Frontiers in Public Health</i> , 2018, 6, 323.	1.3	4
154	Sitting less and moving more for improved metabolic and brain health in type 2 diabetes: the OPTIMISE your health trial protocol. <i>BMC Public Health</i> , 2022, 22, 929.	1.2	4
155	Using the Constructive Narrative Perspective to Understand Physical Activity Reasoning Schema in Sedentary Adults. <i>Journal of Health Psychology</i> , 2009, 14, 1174-1183.	1.3	3
156	Using periodicity intensity to detect long term behaviour change. , 2015, , .		3
157	Physical Activity, Sleep, and Biobehavioral Synergies for Health. , 2015, , 321-337.		3
158	A Hierarchical Meta-Classifer for Human Activity Recognition. , 2016, , .		3
159	Sedentary Behaviour at the Community Level: Correlates, Theories, and Interventions. <i>Springer Series on Epidemiology and Public Health</i> , 2018, , 509-543.	0.5	3
160	The Perceived Value of Reducing Sedentary Behavior in the Truck Driving Population. <i>Frontiers in Public Health</i> , 2019, 7, 214.	1.3	3
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