

Matthew P Buman

List of Publications by Citations

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

185
papers

6,835
citations

42
h-index

78
g-index

202
ext. papers

9,665
ext. citations

3.3
avg, IF

6.04
L-index

#	Paper	IF	Citations
185	World Health Organization 2020 guidelines on physical activity and sedentary behaviour. <i>British Journal of Sports Medicine</i> , 2020 , 54, 1451-1462	10.3	1192
184	Objective light-intensity physical activity associations with rated health in older adults. <i>American Journal of Epidemiology</i> , 2010 , 172, 1155-65	3.8	396
183	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, 323-34	3.8	258
182	The current state of physical activity assessment tools. <i>Progress in Cardiovascular Diseases</i> , 2015 , 57, 387-95	8.5	210
181	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, 457-65	1.2	205
180	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	3.7	203
179	Mind the theoretical gap 2013 ,		141
178	Direct comparison of two actigraphy devices with polysomnographically recorded naps in healthy young adults. <i>Chronobiology International</i> , 2013 , 30, 691-8	3.6	115
177	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	10.3	114
176	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, 225-36	2.5	110
175	Agile science: creating useful products for behavior change in the real world. <i>Translational Behavioral Medicine</i> , 2016 , 6, 317-28	3.2	105
174	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	3.6	100
173	Does nighttime exercise really disturb sleep? Results from the 2013 National Sleep Foundation Sleep in America Poll. <i>Sleep Medicine</i> , 2014 , 15, 755-61	4.6	100
172	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, S257-S266	2.5	95
171	Exercise as a Treatment to Enhance Sleep. <i>American Journal of Lifestyle Medicine</i> , 2010 , 4, 500-514	1.9	87
170	The 24-Hour Activity Cycle: A New Paradigm for Physical Activity. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 454-464	1.2	84
169	Tutorial for Using Control Systems Engineering to Optimize Adaptive Mobile Health Interventions. <i>Journal of Medical Internet Research</i> , 2018 , 20, e214	7.6	84

168	Effects of Three Motivationally Targeted Mobile Device Applications on Initial Physical Activity and Sedentary Behavior Change in Midlife and Older Adults: A Randomized Trial. <i>PLoS ONE</i> , 2016 , 11, e0156370	3.7	82
167	Longitudinal study of depressive symptoms and social support in adolescent mothers. <i>Maternal and Child Health Journal</i> , 2012 , 16, 894-901	2.4	81
166	Bertmann et al. Respond. <i>American Journal of Public Health</i> , 2012 , 102, e2-e2	5.1	78
165	Validation of Physical Activity Tracking via Android Smartphones Compared to ActiGraph Accelerometer: Laboratory-Based and Free-Living Validation Studies. <i>JMIR MHealth and UHealth</i> , 2015 , 3, e36	5.5	77
164	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	1.2	74
163	Exercise and sleep in community-dwelling older adults: evidence for a reciprocal relationship. <i>Journal of Sleep Research</i> , 2014 , 23, 61-8	5.8	70
162	Integrating Physical Activity in Primary Care Practice. <i>American Journal of Medicine</i> , 2016 , 129, 1022-9	2.4	68
161	Targeting Reductions in Sitting Time to Increase Physical Activity and Improve Health. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 1572-1582	1.2	64
160	Physical activity program delivery by professionals versus volunteers: the TEAM randomized trial. <i>Health Psychology</i> , 2011 , 30, 285-94	5	64
159	Validation of Consumer-Based Hip and Wrist Activity Monitors in Older Adults With Varied Ambulatory Abilities. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2017 , 72, 229-236	6.4	63
158	Depression, parenting attributes, and social support among adolescent mothers attending a teen tot program. <i>Journal of Pediatric and Adolescent Gynecology</i> , 2008 , 21, 275-81	2	63
157	Sedentary time in older men and women: an international consensus statement and research priorities. <i>British Journal of Sports Medicine</i> , 2017 , 51, 1526-1532	10.3	59
156	Wearable Technology and Physical Activity in Chronic Disease: Opportunities and Challenges. <i>American Journal of Preventive Medicine</i> , 2018 , 54, 144-150	6.1	58
155	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	8.4	56
154	The Stanford Healthy Neighborhood Discovery Tool: a computerized tool to assess active living environments. <i>American Journal of Preventive Medicine</i> , 2013 , 44, e41-e47	6.1	55
153	Leveraging Citizen Science and Information Technology for Population Physical Activity Promotion. <i>Translational Journal of the American College of Sports Medicine</i> , 2016 , 1, 30-44	1.1	55
152	Behavioral impacts of sequentially versus simultaneously delivered dietary plus physical activity interventions: the CALM trial. <i>Annals of Behavioral Medicine</i> , 2013 , 46, 157-68	4.5	51
151	Experiences and Coping Responses of Hitting the Wall for Recreational Marathon Runners. <i>Journal of Applied Sport Psychology</i> , 2008 , 20, 282-300	2	51

150	Effects of Standing and Light-Intensity Activity on Ambulatory Blood Pressure. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 175-81	1.2	49
149	Moderators and mediators of exercise-induced objective sleep improvements in midlife and older adults with sleep complaints. <i>Health Psychology</i> , 2011 , 30, 579-87	5	48
148	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	2.2	47
147	Adaptive step goals and rewards: a longitudinal growth model of daily steps for a smartphone-based walking intervention. <i>Journal of Behavioral Medicine</i> , 2018 , 41, 74-86	3.6	47
146	Leveraging Citizen Science and Information Technology for Population Physical Activity Promotion. <i>Translational Journal of the American College of Sports Medicine</i> , 2016 , 1, 30-44	1.1	46
145	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, 489-494	4.4	42
144	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, 249-53	3.2	42
143	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	5.8	42
142	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	2.5	42
141	Associations of overall sedentary time and screen time with sleep outcomes. <i>American Journal of Health Behavior</i> , 2015 , 39, 62-7	1.9	41
140	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	8.4	41
139	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, 353-60	2.6	40
138	A dynamical systems model of Social Cognitive Theory 2014 ,		37
137	Development of a dynamic computational model of social cognitive theory. <i>Translational Behavioral Medicine</i> , 2016 , 6, 483-495	3.2	35
136	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, 521-8	6.4	34
135	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	4.2	33
134	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	4.3	33
133	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	6	31

132	Social ecological correlates of workplace sedentary behavior. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017 , 14, 117	8.4	31
131	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	3.5	31
130	Self-Experimentation for Behavior Change 2017 ,		31
129	Intervention markers of physical activity maintenance in older adults. <i>American Journal of Health Behavior</i> , 2015 , 39, 487-99	1.9	30
128	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, 438-48	3.2	30
127	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	1.2	30
126	Feasibility of three wearable sensors for 24 hour monitoring in middle-aged women. <i>BMC Women's Health</i> , 2015 , 15, 55	2.9	29
125	Food marketing to children through toys: response of restaurants to the first U.S. toy ordinance. <i>American Journal of Preventive Medicine</i> , 2012 , 42, 56-60	6.1	29
124	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, 625-34	2.6	29
123	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	4.2	28
122	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	2.3	27
121	Exploring behavioral markers of long-term physical activity maintenance: a case study of system identification modeling within a behavioral intervention. <i>Health Education and Behavior</i> , 2013 , 40, 515-625	4.2	27
120	Are daily fluctuations in perceived environment associated with walking?. <i>Psychology and Health</i> , 2012 , 27, 1009-20	2.9	27
119	Neighborhood disadvantage is associated with actigraphy-assessed sleep continuity and short sleep duration. <i>Sleep</i> , 2018 , 41,	1.1	26
118	Sitting and television viewing: novel risk factors for sleep disturbance and apnea risk? results from the 2013 National Sleep Foundation Sleep in America Poll. <i>Chest</i> , 2015 , 147, 728-734	5.3	26
117	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	8.4	26
116	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, 478-81	3.2	25
115	Wearable Devices to Improve Physical Activity and Sleep: A Randomized Controlled Trial of College-Aged African American Women. <i>Journal of Black Studies</i> , 2016 , 47, 610-625	0.9	24

114	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, 226-7	3.2	24
113	Implementation of wireless terminals at farmers' markets: impact on SNAP redemption and overall sales. <i>American Journal of Public Health</i> , 2012 , 102, e53-5	5.1	24
112	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	4.4	22
111	Validity and reliability of Nike + Fuelband for estimating physical activity energy expenditure. <i>BMC Sports Science, Medicine and Rehabilitation</i> , 2015 , 7, 14	2.4	22
110	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,	4.6	21
109	Sedentary Behaviors and Cardiometabolic Risk: An Isotemporal Substitution Analysis. <i>American Journal of Epidemiology</i> , 2018 , 187, 181-189	3.8	20
108	Reliability of a new measure to assess modern screen time in adults. <i>BMC Public Health</i> , 2019 , 19, 1386	4.1	20
107	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	5.1	20
106	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	10.2	19
105	A measurement and conceptual investigation of exercise imagery establishing construct validity. <i>Research Quarterly for Exercise and Sport</i> , 2010 , 81, 485-93	1.9	19
104	Exercise advice by humans versus computers: maintenance effects at 18 months. <i>Health Psychology</i> , 2014 , 33, 192-6	5	19
103	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	4	18
102	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	4	18
101	A qualitative study of shopper experiences at an urban farmers' market using the Stanford Healthy Neighborhood Discovery Tool. <i>Public Health Nutrition</i> , 2015 , 18, 994-1000	3.3	17
100	The CHOICE study: a "taste-test" of utilitarian vs. leisure walking among older adults. <i>Health Psychology</i> , 2012 , 31, 126-129	5	17
99	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, 1879-85	5.1	17
98	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	3.5	16
97	Identifying Free-Living Physical Activities Using Lab-Based Models with Wearable Accelerometers. <i>Sensors</i> , 2018 , 18,	3.8	16

96	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	3	15
95	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	3.2	15
94	Rural Food and Physical Activity Assessment Using an Electronic Tablet-Based Application, New York, 2013-2014. <i>Preventing Chronic Disease</i> , 2015 , 12, E102	3.7	15
93	Impact of San Francisco's toy ordinance on restaurants and children's food purchases, 2011-2012. <i>Preventing Chronic Disease</i> , 2014 , 11, E122	3.7	15
92	A discrete-time hazard model of hitting the wall in recreational marathon runners. <i>Psychology of Sport and Exercise</i> , 2009 , 10, 662-666	4.2	15
91	Development and design of an intervention to improve physical activity in pregnant women using Text4baby. <i>Translational Behavioral Medicine</i> , 2016 , 6, 285-94	3.2	14
90	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	5.8	13
89	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	4.1	13
88	Association of sleep duration with kidney function and albuminuria: NHANES 2009-2012. <i>Sleep Health</i> , 2016 , 2, 75-81	4	13
87	Actigraphy features for predicting mobility disability in older adults. <i>Physiological Measurement</i> , 2016 , 37, 1813-1833	2.9	13
86	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,	4.6	11
85	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	3.3	11
84	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, 4856506	3	11
83	A Multi-featured Approach for Wearable Sensor-Based Human Activity Recognition 2016 ,		11
82	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> , 2020 , 18, 76-85	2.5	11
81	Psychosocial predictors of gestational weight gain and the role of mindfulness. <i>Midwifery</i> , 2018 , 56, 86-938		10
80	Emergent themes in the writing of perfectionists: a qualitative study. <i>Psychotherapy Research</i> , 2011 , 21, 510-24	3.6	10
79	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	4.7	10

78	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	8.4	10
77	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	8.4	9
76	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	4.5	8
75	Eating Decisions Based on Alertness Levels After a Single Night of Sleep Manipulation: A Randomized Clinical Trial. <i>Sleep</i> , 2017 , 40,	1.1	8
74	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	4	8
73	Food Insecurity is Associated with Objectively Measured Sleep Problems. <i>Behavioral Sleep Medicine</i> , 2020 , 18, 719-729	4.2	8
72	Reallocating bouts of 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	3.7	7
71	Learning approach for classification of GENEActiv accelerometer data for unique activity identification 2016 ,		7
70	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	2	7
69	Statistical Analysis of Window Sizes and Sampling Rates in Human Activity Recognition 2017 ,		7
68	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, 262-8	2.5	6
67	A statistical estimation framework for energy expenditure of physical activities from a wrist-worn accelerometer. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2016 , 2016-2017, 2-6	0.9	6
66	Do Sleep and Psychological Distress Mediate the Association Between Neighborhood Factors and Pain?. <i>Pain Medicine</i> , 2019 , 20, 278-289	2.8	6
65	Validation of a Smartphone App for the Assessment of Sedentary and Active Behaviors. <i>JMIR MHealth and UHealth</i> , 2017 , 5, e119	5.5	6
64	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	2.3	6
63	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	1.2	6
62	Physical Activity and Public Health: Four Decades of Progress. <i>Kinesiology Review</i> , 2021 , 10, 319-330	2	6
61	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	4.1	5

60	Postexercise Hemodynamic Responses in Lean and Obese Men. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 2292-2300	1.2	5
59	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	2.6	5
58	Sleep and Pain in Mid- to Late-Life: An Exploration of Day-to-Day Pain Inconsistency. <i>Clinical Gerontologist</i> , 2018 , 41, 123-129	2.7	5
57	Pain inconsistency and sleep in mid to late-life: the role of depression. <i>Aging and Mental Health</i> , 2019 , 23, 1174-1179	3.5	5
56	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	4.8	5
55	Efficacy of a Student-Led, Community-Based, Multifactorial Fall Prevention Program: Stay in Balance. <i>Frontiers in Public Health</i> , 2017 , 5, 30	6	4
54	Comparison of concentric and eccentric bench press repetitions to failure. <i>Journal of Strength and Conditioning Research</i> , 2015 , 29, 1027-32	3.2	4
53	Heterogeneous vascular responses to lifestyle intervention in obese Latino adolescents. <i>Metabolic Syndrome and Related Disorders</i> , 2014 , 12, 509-15	2.6	4
52	Scope, Impact, and Methods of National Institutes of Health Funded Research in Kinesiology. <i>Kinesiology Review</i> , 2012 , 1, 118-128	2	4
51	PI-Net: A Deep Learning Approach to Extract Topological Persistence Images. <i>IEEE Computer Society Conference on Computer Vision and Pattern Recognition Workshops</i> , 2020 , 2020, 3639-3648	1.3	4
50	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	5.6	4
49	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	5.1	4
48	Physical Activity, Sleep, and Biobehavioral Synergies for Health 2015 , 321-337		3
47	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	2.5	3
46	Using the constructive narrative perspective to understand physical activity reasoning schema in sedentary adults. <i>Journal of Health Psychology</i> , 2009 , 14, 1174-83	3.1	3
45	Preadmission predictors of graduation success from a physical therapy education program in the southwestern United States. <i>Journal of Educational Evaluation for Health Professions</i> , 2019 , 16, 5	1.6	3
44	Unsupervised Pre-trained Models from Healthy ADLs Improve Parkinson's Disease Classification of Gait Patterns. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2020 , 784-788	0.9	3
43	Comparing Gaussian Mixture Model and Hidden Markov Model to Classify Unique Physical Activities from Accelerometer Sensor Data 2016 ,		3

42	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	2.1	3
41	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	4.2	3
40	Anxiety and executive functions in mid-to-late life: the moderating role of sleep. <i>Aging and Mental Health</i> , 2020 , 24, 1459-1465	3.5	3
39	Assisted Cycling Therapy (ACT) Improves Adaptive Behaviors in Adolescents with Down Syndrome. <i>Journal of Developmental and Physical Disabilities</i> , 2020 , 32, 535-552	1.5	3
38	A Feasibility Study of a Peer-Facilitated Physical Activity Intervention in Methadone Maintenance. <i>Mental Health and Physical Activity</i> , 2021 , 21, 100419-100419	5	3
37	Stand and Move at Work sedentary behavior questionnaire: validity and sensitivity to change. <i>Annals of Epidemiology</i> , 2019 , 31, 62-68.e1	6.4	2
36	The Perceived Value of Reducing Sedentary Behavior in the Truck Driving Population. <i>Frontiers in Public Health</i> , 2019 , 7, 214	6	2
35	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	6.1	2
34	Sedentary Behaviour at the Community Level: Correlates, Theories, and Interventions. <i>Springer Series on Epidemiology and Public Health</i> , 2018 , 509-543	0.4	2
33	Using periodicity intensity to detect long term behaviour change 2015 ,		2
32	59: Depression and social support over time in adolescent mothers. <i>Journal of Adolescent Health</i> , 2007 , 40, S44	5.8	2
31	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	2.2	2
30	Vinyasa Flow: Metabolic Cost and Validation of Hip- and Wrist-Worn Wearable Sensors. <i>Journal for the Measurement of Physical Behaviour</i> , 2018 , 1, 174-180	2.3	2
29	Paradigms of Lifestyle Medicine and Wellness 2016 , 29-40		2
28	Violent crime, police presence and poor sleep in two low-income urban predominantly Black American neighbourhoods. <i>Journal of Epidemiology and Community Health</i> , 2021 , 75, 62-68	5.1	2
27	Does investing in low-income urban neighborhoods improve sleep?. <i>Sleep</i> , 2021 , 44,	1.1	2
26	Preliminary investigation of interactive associations of sleep and pain with cognition in sedentary middle-aged and older adults. <i>Journal of Clinical Sleep Medicine</i> , 2021 , 17, 233-242	3.1	2
25	Using Point-of-Choice Prompts to Reduce Sedentary Behavior in Sit-Stand Workstation Users. <i>Frontiers in Public Health</i> , 2018 , 6, 323	6	2

24	Temporal Alignment Improves Feature Quality: An Experiment on Activity Recognition with Accelerometer Data 2018 ,		2
23	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	5.5	2
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