

Sarah Kozey Keadle

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.

68

papers

3,909

citations

29

h-index

62

g-index

79

ext. papers

4,681

ext. citations

3.1

avg, IF

5.44

L-index

#	Paper	IF	Citations
68	Association of Leisure-Time Physical Activity With Risk of 26 Types of Cancer in 1.44 Million Adults. <i>JAMA Internal Medicine</i> , 2016 , 176, 816-25	11.5	692
67	Validation of wearable monitors for assessing sedentary behavior. <i>Medicine and Science in Sports and Exercise</i> , 2011 , 43, 1561-7	1.2	591
66	Validity of two wearable monitors to estimate breaks from sedentary time. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 2243-52	1.2	200
65	Accelerometer-measured dose-response for physical activity, sedentary time, and mortality in US adults. <i>American Journal of Clinical Nutrition</i> , 2016 , 104, 1424-1432	7	169
64	Prevalence and trends in physical activity among older adults in the United States: A comparison across three national surveys. <i>Preventive Medicine</i> , 2016 , 89, 37-43	4.3	164
63	A comprehensive evaluation of commonly used accelerometer energy expenditure and MET prediction equations. <i>European Journal of Applied Physiology</i> , 2011 , 111, 187-201	3.4	151
62	A method to estimate free-living active and sedentary behavior from an accelerometer. <i>Medicine and Science in Sports and Exercise</i> , 2014 , 46, 386-97	1.2	115
61	Mortality Benefits for Replacing Sitting Time with Different Physical Activities. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 1833-40	1.2	115
60	Accelerometer output and MET values of common physical activities. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 1776-84	1.2	111
59	Resistance to exercise-induced weight loss: compensatory behavioral adaptations. <i>Medicine and Science in Sports and Exercise</i> , 2013 , 45, 1600-9	1.2	105
58	Sleep duration and total and cause-specific mortality in a large US cohort: interrelationships with physical activity, sedentary behavior, and body mass index. <i>American Journal of Epidemiology</i> , 2014 , 180, 997-1006	3.8	99
57	Evaluation of artificial neural network algorithms for predicting METs and activity type from accelerometer data: validation on an independent sample. <i>Journal of Applied Physiology</i> , 2011 , 111, 1804-12	2.7	91
56	The activPAL™ Accurately Classifies Activity Intensity Categories in Healthy Adults. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 1022-1028	1.2	86
55	Validation of the Fitbit wireless activity tracker for prediction of energy expenditure. <i>Journal of Physical Activity and Health</i> , 2015 , 12, 149-54	2.5	85
54	Impact of accelerometer data processing decisions on the sample size, wear time and physical activity level of a large cohort study. <i>BMC Public Health</i> , 2014 , 14, 1210	4.1	84
53	Comparison of the ActiGraph 7164 and the ActiGraph GT1M during self-paced locomotion. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 971-6	1.2	83
52	Validation of a previous-day recall measure of active and sedentary behaviors. <i>Medicine and Science in Sports and Exercise</i> , 2013 , 45, 1629-38	1.2	81

51	Errors in MET estimates of physical activities using 3.5 ml x kg(-1) x min(-1) as the baseline oxygen consumption. <i>Journal of Physical Activity and Health</i> , 2010 , 7, 508-16	2.5	77
50	Association of Leisure-Time Physical Activity Across the Adult Life Course With All-Cause and Cause-Specific Mortality. <i>JAMA Network Open</i> , 2019 , 2, e190355	10.4	68
49	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
48	Measurement of Active and Sedentary Behavior in Context of Large Epidemiologic Studies. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 266-276	1.2	55
47	Objectively measured physical activity and plasma metabolomics in the Shanghai Physical Activity Study. <i>International Journal of Epidemiology</i> , 2016 , 45, 1433-1444	7.8	47
46	Breast cancer survivors' preferences for technology-supported exercise interventions. <i>Supportive Care in Cancer</i> , 2017 , 25, 3243-3252	3.9	44
45	Causes of Death Associated With Prolonged TV Viewing: NIH-AARP Diet and Health Study. <i>American Journal of Preventive Medicine</i> , 2015 , 49, 811-21	6.1	44
44	Biomechanical examination of the plateau phenomenon in ActiGraph vertical activity counts. <i>Physiological Measurement</i> , 2012 , 33, 219-30	2.9	44
43	Discrete features of sedentary behavior impact cardiometabolic risk factors. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 1079-86	1.2	36
42	The independent and combined effects of exercise training and reducing sedentary behavior on cardiometabolic risk factors. <i>Applied Physiology, Nutrition and Metabolism</i> , 2014 , 39, 770-80	3	35
41	Reproducibility of Accelerometer-Assessed Physical Activity and Sedentary Time. <i>American Journal of Preventive Medicine</i> , 2017 , 52, 541-548	6.1	33
40	A Framework to Evaluate Devices That Assess Physical Behavior. <i>Exercise and Sport Sciences Reviews</i> , 2019 , 47, 206-214	6.7	30
39	Validation of a previous day recall for measuring the location and purpose of active and sedentary behaviors compared to direct observation. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2014 , 11, 12	8.4	29
38	Randomized controlled clinical trial of behavioral lifestyle intervention with partial meal replacement to reduce excessive gestational weight gain. <i>American Journal of Clinical Nutrition</i> , 2018 , 107, 183-194	7	28
37	Accuracy of accelerometer regression models in predicting energy expenditure and METs in children and youth. <i>Pediatric Exercise Science</i> , 2012 , 24, 519-36	2	28
36	Impact of changes in television viewing time and physical activity on longevity: a prospective cohort study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2015 , 12, 156	8.4	27
35	Physical activity and psychosocial and mental health of older caregivers and non-caregivers. <i>Geriatric Nursing</i> , 2012 , 33, 358-65	2.1	26
34	Influence of Accelerometer Calibration Approach on Moderate-Vigorous Physical Activity Estimates for Adults. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 2285-2291	1.2	17

33	A prospective investigation of neighborhood socioeconomic deprivation and physical activity and sedentary behavior in older adults. <i>Preventive Medicine</i> , 2018 , 111, 14-20	4.3	15
32	Energy cost of common activities in children and adolescents. <i>Journal of Physical Activity and Health</i> , 2013 , 10, 62-9	2.5	15
31	Reproducibility of Accelerometer and Posture-derived Measures of Physical Activity. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 876-883	1.2	12
30	Methods to assess an exercise intervention trial based on 3-level functional data. <i>Biostatistics</i> , 2015 , 16, 754-71	3.7	11
29	Invited commentary: meta-physical activity and the search for the truth. <i>American Journal of Epidemiology</i> , 2015 , 181, 656-8	3.8	11
28	Does Partial Meal Replacement During Pregnancy Reduce 12-Month Postpartum Weight Retention?. <i>Obesity</i> , 2019 , 27, 226-236	8	11
27	An Evaluation of Accelerometer-derived Metrics to Assess Daily Behavioral Patterns. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 54-63	1.2	10
26	Demographic-specific Validity of the Cancer Prevention Study-3 Sedentary Time Survey. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 41-48	1.2	9
25	Television Viewing Time and Inflammatory-Related Mortality. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 2040-2047	1.2	6
24	Physical Activity and Public Health: Four Decades of Progress. <i>Kinesiology Review</i> , 2021 , 10, 319-330	2	6
23	Use of Time and Energy on Exercise, Prolonged TV Viewing, and Work Days. <i>American Journal of Preventive Medicine</i> , 2018 , 55, e61-e69	6.1	5
22	A joint modeling and estimation method for multivariate longitudinal data with mixed types of responses to analyze physical activity data generated by accelerometers. <i>Statistics in Medicine</i> , 2017 , 36, 4028-4040	2.3	5
21	Reliability and Validity of the Cancer Prevention Study-3 Physical Activity Survey Items. <i>Journal for the Measurement of Physical Behaviour</i> , 2019 , 2, 157-165	2.3	5
20	Neighborhood Socioeconomic Deprivation and Weight Change in a Large U.S. Cohort. <i>American Journal of Preventive Medicine</i> , 2017 , 52, e173-e181	6.1	4
19	Development and Testing of an Integrated Score for Physical Behaviors. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 1759-1766	1.2	4
18	Sedentary Behavior in U.S. Adults: Fall 2019. <i>Medicine and Science in Sports and Exercise</i> , 2021 , 53, 2512-2519		4
17	Resting Oxygen Uptake Value of 1 Metabolic Equivalent of Task in Older Adults: A Systematic Review and Descriptive Analysis. <i>Sports Medicine</i> , 2021 , 1	10.6	4
16	Validation of the Fitbit Wireless Activity Tracker for Prediction of Energy Expenditure. <i>Journal of Physical Activity and Health</i> , 2015 , 12, 149-154	2.5	3

15	Combining Activity-Related Behaviors and Attributes Improves Prediction of Health Status in NHANES. <i>Journal of Physical Activity and Health</i> , 2017 , 14, 626-635	2.5	2
14	Elevated insulin levels following 7 days of increased sedentary time are due to lower hepatic extraction and not higher insulin secretion. <i>Applied Physiology, Nutrition and Metabolism</i> , 2019 , 44, 1020-1023	3.1023	2
13	Three-part joint modeling methods for complex functional data mixed with zero-and-one-inflated proportions and zero-inflated continuous outcomes with skewness. <i>Statistics in Medicine</i> , 2018 , 37, 611-623	2.23	2
12	Identification of changes in sleep across pregnancy and the impact on cardiometabolic health and energy intake in women with obesity. <i>Sleep Medicine</i> , 2021 , 77, 120-127	4.6	2
11	Video-Recorded Direct Observation: A Step Forward for Physical Activity Measurement. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 1313-1314	1.2	2
10	A Review of Statistical Analyses on Physical Activity Data Collected from Accelerometers. <i>Statistics in Biosciences</i> , 2019 , 11, 465-476	1.5	1
9	Response to "Breaking-up sedentary time is associated with impairment in activities of daily living". <i>Experimental Gerontology</i> , 2015 , 72, 279-80	4.5	1
8	Reply to Bonomi and Plasqui. <i>Journal of Applied Physiology</i> , 2012 , 112, 933-933	3.7	1
7	Sitting Time, Type, and Context Among Long-Term Weight-Loss Maintainers. <i>Obesity</i> , 2021 , 29, 1067-1073	3.8	1
6	Charity-based incentives motivate young adult cancer survivors to increase physical activity: a pilot randomized clinical trial. <i>Journal of Behavioral Medicine</i> , 2021 , 44, 682-693	3.6	0
5	Reexamining the Energy Cost of Sedentary Behaviors From the 2011 Adult Compendium. <i>Journal of Physical Activity and Health</i> , 2021 , 18, 206-211	2.5	0
4	Response to Comment on "Resting Oxygen Uptake Value of 1 Metabolic Equivalent of Task in Older Adults: A Systematic Review and Descriptive Analysis".. <i>Sports Medicine</i> , 2022 , 1	10.6	
3	Association Between Exercise And Prolonged Television Viewing Days On Time-use And Physical Activity Energy Expenditure In Older Us Adults. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 132	1.2	
2	Rethinking physical activity assessment in cancer survivors: a multi-component approach using NHANES data. <i>Journal of Cancer Survivorship</i> , 2021 , 1	5.1	
1	Longitudinal functional additive model with continuous proportional outcomes for physical activity data. <i>Stat</i> , 2016 , 5, 242-250	0.7	