

Sarah Kozey Keadle

List of Publications by Year in descending order

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Version: 2024-02-01

77
papers

5,254
citations

136885

32
h-index

98753

67
g-index

79
all docs

79
docs citations

79
times ranked

7856
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.6	1,000
2	Validation of Wearable Monitors for Assessing Sedentary Behavior. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 1561-1567.	0.2	720
3	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.	1.6	237
4	Validity of Two Wearable Monitors to Estimate Breaks from Sedentary Time. <i>Medicine and Science in Sports and Exercise</i> , 2012, 44, 2243-2252.	0.2	234
5	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.	2.2	226
6	A comprehensive evaluation of commonly used accelerometer energy expenditure and MET prediction equations. <i>European Journal of Applied Physiology</i> , 2011, 111, 187-201.	1.2	179
7	Mortality Benefits for Replacing Sitting Time with Different Physical Activities. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 1833-1840.	0.2	145
8	Accelerometer Output and MET Values of Common Physical Activities. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 1776-1784.	0.2	139
9	A Method to Estimate Free-Living Active and Sedentary Behavior from an Accelerometer. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 386-397.	0.2	136
10	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.	2.8	136
11	The activPALTM Accurately Classifies Activity Intensity Categories in Healthy Adults. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 1022-1028.	0.2	134
12	Resistance to Exercise-Induced Weight Loss. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 1600-1609.	0.2	128
13	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.	1.6	117
14	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.	1.2	113
15	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, 1804-1812.	1.2	103
16	Errors in MET Estimates of Physical Activities Using $3.5 \text{ ml} \cdot \text{kg}^{-1} \cdot \text{min}^{-1}$ as the Baseline Oxygen Consumption. <i>Journal of Physical Activity and Health</i> , 2010, 7, 508-516.	1.0	101
17	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.	0.2	100
18	Validation of the Fitbit Wireless Activity Tracker for Prediction of Energy Expenditure. <i>Journal of Physical Activity and Health</i> , 2015, 12, 149-154.	1.0	99

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19	Comparison of the ActiGraph 7164 and the ActiGraph GT1M during Self-Paced Locomotion. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 971-976.	0.2	98
20	Validation of a Previous-Day Recall Measure of Active and Sedentary Behaviors. <i>Medicine and Science in Sports and Exercise</i> , 2013, 45, 1629-1638.	0.2	92
21	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.	0.2	80
22	Objectively measured physical activity and plasma metabolomics in the Shanghai Physical Activity Study. <i>International Journal of Epidemiology</i> , 2016, 45, 1433-1444.	0.9	64
23	Breast cancer survivors's preferences for technology-supported exercise interventions. <i>Supportive Care in Cancer</i> , 2017, 25, 3243-3252.	1.0	61
24	Causes of Death Associated With Prolonged TV Viewing. <i>American Journal of Preventive Medicine</i> , 2015, 49, 811-821.	1.6	54
25	A Framework to Evaluate Devices That Assess Physical Behavior. <i>Exercise and Sport Sciences Reviews</i> , 2019, 47, 206-214.	1.6	54
26	Reproducibility of Accelerometer-Assessed Physical Activity and Sedentary Time. <i>American Journal of Preventive Medicine</i> , 2017, 52, 541-548.	1.6	51
27	Biomechanical examination of the "plateau phenomenon" in ActiGraph vertical activity counts. <i>Physiological Measurement</i> , 2012, 33, 219-230.	1.2	50
28	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, 770-780.	0.9	50
29	Discrete Features of Sedentary Behavior Impact Cardiometabolic Risk Factors. <i>Medicine and Science in Sports and Exercise</i> , 2015, 47, 1079-1086.	0.2	45
30	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.	2.2	41
31	Physical Activity and Psychosocial and Mental Health of Older Caregivers and Non-Caregivers. <i>Geriatric Nursing</i> , 2012, 33, 358-365.	0.9	36
32	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.	2.0	35
33	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.	2.0	32
34	Accuracy of Accelerometer Regression Models in Predicting Energy Expenditure and Mets in Children and Youth. <i>Pediatric Exercise Science</i> , 2012, 24, 519-536.	0.5	31
35	Sedentary Behavior in U.S. Adults: Fall 2019. <i>Medicine and Science in Sports and Exercise</i> , 2021, 53, 2512-2519.	0.2	31
36	A prospective investigation of neighborhood socioeconomic deprivation and physical activity and sedentary behavior in older adults. <i>Preventive Medicine</i> , 2018, 111, 14-20.	1.6	28

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37	Influence of Accelerometer Calibration Approach on Moderateâ€”Vigorous Physical Activity Estimates for Adults. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 2285-2291.	0.2	26
38	Energy Cost of Common Activities in Children and Adolescents. <i>Journal of Physical Activity and Health</i> , 2013, 10, 62-69.	1.0	21
39	Reproducibility of Accelerometer and Posture-derived Measures of Physical Activity. <i>Medicine and Science in Sports and Exercise</i> , 2020, 52, 876-883.	0.2	19
40	Methods to assess an exercise intervention trial based on 3-level functional data. <i>Biostatistics</i> , 2015, 16, 754-771.	0.9	16
41	Does Partial Meal Replacement During Pregnancy Reduce 12â€”Month Postpartum Weight Retention?. <i>Obesity</i> , 2019, 27, 226-236.	1.5	14
42	Physical Activity and Total Daily Energy Expenditure in Older US Adults: Constrained versus Additive Models. <i>Medicine and Science in Sports and Exercise</i> , 2022, 54, 98-105.	0.2	14
43	Resting Oxygen Uptake Value of 1 Metabolic Equivalent of Task in Older Adults: A Systematic Review and Descriptive Analysis. <i>Sports Medicine</i> , 2022, 52, 331-348.	3.1	14
44	Invited Commentary: Meta-Physical Activity and the Search for the Truth. <i>American Journal of Epidemiology</i> , 2015, 181, 656-658.	1.6	13
45	An Evaluation of Accelerometer-derived Metrics to Assess Daily Behavioral Patterns. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 54-63.	0.2	12
46	Use of Time and Energy on Exercise, Prolonged TV Viewing, and Work Days. <i>American Journal of Preventive Medicine</i> , 2018, 55, e61-e69.	1.6	12
47	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.	0.2	12
48	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.	0.8	11
49	Impact Of Accelerometer Data Processing Decisions On Data From Large Cohort Studies. <i>Medicine and Science in Sports and Exercise</i> , 2014, 46, 718.	0.2	11
50	Sitting Time, Type, and Context Among Longâ€”Term Weightâ€”Loss Maintainers. <i>Obesity</i> , 2021, 29, 1067-1073.	1.5	9
51	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.	1.1	8
52	Physical Activity and Public Health: Four Decades of Progress. <i>Kinesiology Review</i> , 2021, 10, 319-330.	0.4	8
53	Television Viewing Time and Inflammatory-Related Mortality. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 2040-2047.	0.2	7
54	Development and Testing of an Integrated Score for Physical Behaviors. <i>Medicine and Science in Sports and Exercise</i> , 2019, 51, 1759-1766.	0.2	7

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55	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.	0.5	7
56	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.	0.8	6
57	Validation of the Fitbit Wireless Activity Tracker for Prediction of Energy Expenditure. <i>Journal of Physical Activity and Health</i> , 2015, 12, 149-154.	1.0	6
58	Neighborhood Socioeconomic Deprivation and Weight Change in a Large U.S. Cohort. <i>American Journal of Preventive Medicine</i> , 2017, 52, e173-e181.	1.6	5
59	A Review of Statistical Analyses on Physical Activity Data Collected from Accelerometers. <i>Statistics in Biosciences</i> , 2019, 11, 465-476.	0.6	4
60	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.	1.0	2
61	Three-part joint modeling methods for complex functional data mixed with zero-inflated proportions and zero-inflated continuous outcomes with skewness. <i>Statistics in Medicine</i> , 2018, 37, 611-626.	0.8	2
62	Video-Recorded Direct Observation: A Step Forward for Physical Activity Measurement. <i>Medicine and Science in Sports and Exercise</i> , 2018, 50, 1313-1314.	0.2	2
63	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.	0.9	2
64	Response to "Breaking-up sedentary time is associated with impairment in activities of daily living". <i>Experimental Gerontology</i> , 2015, 72, 279-280.	1.2	1
65	Reexamining the Energy Cost of Sedentary Behaviors From the 2011 Adult Compendium. <i>Journal of Physical Activity and Health</i> , 2021, 18, 206-211.	1.0	1
66	Reply to Bonomi and Plasqui. <i>Journal of Applied Physiology</i> , 2012, 112, 933-933.	1.2	1
67	Validation of Activity Monitors for Measuring Sedentary Behavior. <i>Medicine and Science in Sports and Exercise</i> , 2010, 42, 118.	0.2	0
68	Physical activity assessment based on objective accelerometer and self-report data: Comparing asymptomatic and knee osteoarthritis groups. <i>Osteoarthritis and Cartilage</i> , 2015, 23, A331-A332.	0.6	0
69	Longitudinal functional additive model with continuous proportional outcomes for physical activity data. <i>Stat</i> , 2016, 5, 242-250.	0.3	0
70	Rethinking physical activity assessment in cancer survivors: a multi-component approach using NHANES data. <i>Journal of Cancer Survivorship</i> , 2021, , 1.	1.5	0
71	A Comprehensive Evaluation Of Accelerometer Energy Expenditure And Met Prediction Equations. <i>Medicine and Science in Sports and Exercise</i> , 2009, 41, 156.	0.2	0
72	2944. <i>Medicine and Science in Sports and Exercise</i> , 2017, 49, 845.	0.2	0

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73	Physical Activity, Sedentary Behaviors, and Risk of Cancer. , 2017, , .		0
74	Association Between Exercise And Prolonged Television Viewing Days On Time-use And Physical Activity Energy Expenditure In Older Us Adults. Medicine and Science in Sports and Exercise, 2018, 50, 132.	0.2	0
75	Do Activity Monitors Correctly Classify Driving Time as Sedentary?. Medicine and Science in Sports and Exercise, 2019, 51, 998-998.	0.2	0
76	2957. Medicine and Science in Sports and Exercise, 2020, 52, 821-821.	0.2	0
77	Response to Comment on "Resting Oxygen Uptake Value of 1 Metabolic Equivalent of Task in Older Adults: A Systematic Review and Descriptive Analysis". Sports Medicine, 2022, , 1.	3.1	0