

Charles e matthews

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.

246
papers

24,731
citations

69
h-index

155
g-index

259
ext. papers

29,105
ext. citations

5.3
avg, IF

6.92
L-index

#	Paper	IF	Citations
246	American College of Sports Medicine roundtable on exercise guidelines for cancer survivors. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 1409-26	1.2	1778
245	Amount of time spent in sedentary behaviors in the United States, 2003-2004. <i>American Journal of Epidemiology</i> , 2008 , 167, 875-81	3.8	1722
244	Too much sitting: the population health science of sedentary behavior. <i>Exercise and Sport Sciences Reviews</i> , 2010 , 38, 105-13	6.7	1355
243	Sedentary time and cardio-metabolic biomarkers in US adults: NHANES 2003-06. <i>European Heart Journal</i> , 2011 , 32, 590-7	9.5	972
242	Validation of accelerometer wear and nonwear time classification algorithm. <i>Medicine and Science in Sports and Exercise</i> , 2011 , 43, 357-64	1.2	845
241	Leisure time physical activity and mortality: a detailed pooled analysis of the dose-response relationship. <i>JAMA Internal Medicine</i> , 2015 , 175, 959-67	11.5	794
240	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
239	The effect of social desirability and social approval on self-reports of physical activity. <i>American Journal of Epidemiology</i> , 2005 , 161, 389-98	3.8	658
238	Exercise Guidelines for Cancer Survivors: Consensus Statement from International Multidisciplinary Roundtable. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 2375-2390	1.2	633
237	Sedentary behavior: emerging evidence for a new health risk. <i>Mayo Clinic Proceedings</i> , 2010 , 85, 1138-416.4		494
236	Daily sitting time and all-cause mortality: a meta-analysis. <i>PLoS ONE</i> , 2013 , 8, e80000	3.7	481
235	Amount of time spent in sedentary behaviors and cause-specific mortality in US adults. <i>American Journal of Clinical Nutrition</i> , 2012 , 95, 437-45	7	466
234	Accelerometer data reduction: a comparison of four reduction algorithms on select outcome variables. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, S544-54	1.2	452
233	Measurement of adults' sedentary time in population-based studies. <i>American Journal of Preventive Medicine</i> , 2011 , 41, 216-27	6.1	422
232	Best practices for using physical activity monitors in population-based research. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, S68-76	1.2	411
231	Sources of variance in daily physical activity levels as measured by an accelerometer. <i>Medicine and Science in Sports and Exercise</i> , 2002 , 34, 1376-81	1.2	396
230	Leisure time physical activity of moderate to vigorous intensity and mortality: a large pooled cohort analysis. <i>PLoS Medicine</i> , 2012 , 9, e1001335	11.6	351

229	Anterior cruciate ligament reconstruction autograft choice: bone-tendon-bone versus hamstring: does it really matter? A systematic review. <i>American Journal of Sports Medicine</i> , 2004 , 32, 1986-95	6.8	325
228	Variability and Classification Accuracy of Serial High-Sensitivity C-Reactive Protein Measurements in Healthy Adults. <i>Clinical Chemistry</i> , 2001 , 47, 444-450	5.5	323
227	Comparison of pedometer and accelerometer measures of free-living physical activity. <i>Medicine and Science in Sports and Exercise</i> , 2002 , 34, 2045-51	1.2	263
226	Influence of exercise, walking, cycling, and overall nonexercise physical activity on mortality in Chinese women. <i>American Journal of Epidemiology</i> , 2007 , 165, 1343-50	3.8	250
225	Association of sedentary time with mortality independent of moderate to vigorous physical activity. <i>PLoS ONE</i> , 2012 , 7, e37696	3.7	231
224	Exercise is medicine in oncology: Engaging clinicians to help patients move through cancer. <i>Ca-A Cancer Journal for Clinicians</i> , 2019 , 69, 468-484	220.7	225
223	American College of Sports Medicine Roundtable Report on Physical Activity, Sedentary Behavior, and Cancer Prevention and Control. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 2391-2402	1.2	207
222	Seasonal variation in household, occupational, and leisure time physical activity: longitudinal analyses from the seasonal variation of blood cholesterol study. <i>American Journal of Epidemiology</i> , 2001 , 153, 172-83	3.8	204
221	Sedentary behavior, physical activity, and markers of health in older adults. <i>Medicine and Science in Sports and Exercise</i> , 2013 , 45, 1493-500	1.2	200
220	The role of measurement error in estimating levels of physical activity. <i>American Journal of Epidemiology</i> , 2007 , 166, 832-40	3.8	199
219	Disparities in physical activity and sedentary behaviors among US children and adolescents: prevalence, correlates, and intervention implications. <i>Journal of Public Health Policy</i> , 2009 , 30 Suppl 1, S309-34	2.9	198
218	Association of Step Volume and Intensity With All-Cause Mortality in Older Women. <i>JAMA Internal Medicine</i> , 2019 , 179, 1105-1112	11.5	196
217	Seasonal variation in serum cholesterol levels: treatment implications and possible mechanisms. <i>Archives of Internal Medicine</i> , 2004 , 164, 863-70		196
216	The built environment and location-based physical activity. <i>American Journal of Preventive Medicine</i> , 2010 , 38, 429-38	6.1	192
215	Trends in Sedentary Behavior Among the US Population, 2001-2016. <i>JAMA - Journal of the American Medical Association</i> , 2019 , 321, 1587-1597	27.4	170
214	Utilization and Harmonization of Adult Accelerometry Data: Review and Expert Consensus. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 2129-39	1.2	169
213	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
212	Systematic errors in middle-aged women's estimates of energy intake: comparing three self-report measures to total energy expenditure from doubly labeled water. <i>Annals of Epidemiology</i> , 2002 , 12, 577-86	6.4	167

211	Comparative validity of physical activity measures in older adults. <i>Medicine and Science in Sports and Exercise</i> , 2011 , 43, 867-76	1.2	160
210	Urban, rural, and regional variations in physical activity. <i>Journal of Rural Health</i> , 2005 , 21, 239-44	4.6	159
209	Moderate to vigorous physical activity and risk of upper-respiratory tract infection. <i>Medicine and Science in Sports and Exercise</i> , 2002 , 34, 1242-8	1.2	158
208	Association of Daily Step Count and Step Intensity With Mortality Among US Adults. <i>JAMA - Journal of the American Medical Association</i> , 2020 , 323, 1151-1160	27.4	149
207	Reliability and validity of the Past Year Total Physical Activity Questionnaire. <i>American Journal of Epidemiology</i> , 2006 , 163, 959-70	3.8	148
206	Improving self-reports of active and sedentary behaviors in large epidemiologic studies. <i>Exercise and Sport Sciences Reviews</i> , 2012 , 40, 118-26	6.7	138
205	Implementing the exercise guidelines for cancer survivors. <i>The Journal of Supportive Oncology</i> , 2012 , 10, 171-7		134
204	Evaluation of a 12-week home-based walking intervention for breast cancer survivors. <i>Supportive Care in Cancer</i> , 2007 , 15, 203-11	3.9	126
203	Recommendations to improve the accuracy of estimates of physical activity derived from self report. <i>Journal of Physical Activity and Health</i> , 2012 , 9 Suppl 1, S76-84	2.5	125
202	Exaggerated blood pressure response to dynamic exercise and risk of future hypertension. <i>Journal of Clinical Epidemiology</i> , 1998 , 51, 29-35	5.7	119
201	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
200	Human metabolic correlates of body mass index. <i>Metabolomics</i> , 2014 , 10, 259-269	4.7	111
199	Metabolomics in epidemiology: sources of variability in metabolite measurements and implications. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013 , 22, 631-40	4	109
198	Validation of the International Physical Activity Questionnaire-Short among Blacks. <i>Journal of Physical Activity and Health</i> , 2008 , 5, 746-60	2.5	107
197	Reproducibility and validity of the Shanghai Women's Health Study physical activity questionnaire. <i>American Journal of Epidemiology</i> , 2003 , 158, 1114-22	3.8	104
196	Physical activity, sedentary behaviours, and the prevention of endometrial cancer. <i>British Journal of Cancer</i> , 2010 , 103, 933-8	8.7	103
195	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
194	Exercise after diagnosis of breast cancer in association with survival. <i>Cancer Prevention Research</i> , 2011 , 4, 1409-18	3.2	99

193	Muscular strength and adiposity as predictors of adulthood cancer mortality in men. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2009 , 18, 1468-76	4	97
192	A large prospective investigation of sleep duration, weight change, and obesity in the NIH-AARP Diet and Health Study cohort. <i>American Journal of Epidemiology</i> , 2013 , 178, 1600-10	3.8	95
191	Adherence to cancer prevention guidelines and cancer incidence, cancer mortality, and total mortality: a prospective cohort study. <i>American Journal of Clinical Nutrition</i> , 2015 , 101, 558-69	7	92
190	Body mass index, but not physical activity, is associated with C-reactive protein. <i>Medicine and Science in Sports and Exercise</i> , 2003 , 35, 1160-6	1.2	91
189	Pre- and postdiagnosis physical activity, television viewing, and mortality among patients with colorectal cancer in the National Institutes of Health-AARP Diet and Health Study. <i>Journal of Clinical Oncology</i> , 2015 , 33, 180-8	2.2	89
188	Relationship of television time with accelerometer-derived sedentary time: NHANES. <i>Medicine and Science in Sports and Exercise</i> , 2011 , 43, 822-8	1.2	89
187	Reading and reviewing the orthopaedic literature: a systematic, evidence-based medicine approach. <i>Journal of the American Academy of Orthopaedic Surgeons, The</i> , 2005 , 13, 220-9	4.5	88
186	Prediction of activity mode with global positioning system and accelerometer data. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, 972-8	1.2	86
185	Lifetime physical activity and breast cancer risk in the Shanghai Breast Cancer Study. <i>British Journal of Cancer</i> , 2001 , 84, 994-1001	8.7	84
184	Prediagnosis body mass index, physical activity, and mortality in endometrial cancer patients. <i>Journal of the National Cancer Institute</i> , 2013 , 105, 342-9	9.7	81
183	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
182	Field trial of a three-dimensional activity monitor: comparison with self report. <i>Medicine and Science in Sports and Exercise</i> , 1995 , 27, 1071-8	1.2	81
181	Metabolic syndrome and risk of cancer mortality in men. <i>European Journal of Cancer</i> , 2009 , 45, 1831-8	7.5	80
180	Comparison of Sedentary Estimates between activPAL and Hip- and Wrist-Worn ActiGraph. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 1514-1522	1.2	80
179	Effects of obesity and height on prostate-specific antigen (PSA) and percentage of free PSA levels among African-American and Caucasian men. <i>Cancer</i> , 2006 , 107, 2361-7	6.4	74
178	Predictors and variability of repeat measurements of urinary phenols and parabens in a cohort of Shanghai women and men. <i>Environmental Health Perspectives</i> , 2014 , 122, 733-40	8.4	72
177	Moderate-to-Vigorous Physical Activity and All-Cause Mortality: Do Bouts Matter?. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	69
176	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

175	Identifying sedentary time using automated estimates of accelerometer wear time. <i>British Journal of Sports Medicine</i> , 2012 , 46, 436-42	10.3	68
174	Systematic review of the prospective association of daily step counts with risk of mortality, cardiovascular disease, and dysglycemia. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020 , 17, 78	8.4	67
173	Classification of cardiorespiratory fitness without exercise testing. <i>Medicine and Science in Sports and Exercise</i> , 1999 , 31, 486-93	1.2	67
172	Epidemiologic studies of estrogen metabolism and breast cancer. <i>Steroids</i> , 2015 , 99, 67-75	2.8	65
171	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
170	Comparing physical activity assessment methods in the Seasonal Variation of Blood Cholesterol Study. <i>Medicine and Science in Sports and Exercise</i> , 2000 , 32, 976-84	1.2	64
169	Development and testing of a short physical activity recall questionnaire. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, 986-94	1.2	63
168	Physical Activity Assessment with the ActiGraph GT3X and Doubly Labeled Water. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 1935-1944	1.2	62
167	Accelerometer-measured physical activity in Chinese adults. <i>American Journal of Preventive Medicine</i> , 2010 , 38, 583-91	6.1	60
166	Physical activity and cancer-specific mortality in the NIH-AARP Diet and Health Study cohort. <i>International Journal of Cancer</i> , 2014 , 135, 423-31	7.5	58
165	Physical activity, sedentary behavior, and cause-specific mortality in black and white adults in the Southern Community Cohort Study. <i>American Journal of Epidemiology</i> , 2014 , 180, 394-405	3.8	58
164	Cardiorespiratory fitness and digestive cancer mortality: findings from the aerobics center longitudinal study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2009 , 18, 1111-7	4	58
163	Patterns and correlates of physical activity: a cross-sectional study in urban Chinese women. <i>BMC Public Health</i> , 2007 , 7, 213	4.1	57
162	Anthropometric predictors of coronary heart disease in Chinese women. <i>International Journal of Obesity</i> , 2004 , 28, 734-40	5.5	57
161	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
160	Beyond recreational physical activity: examining occupational and household activity, transportation activity, and sedentary behavior in relation to postmenopausal breast cancer risk. <i>American Journal of Public Health</i> , 2010 , 100, 2288-95	5.1	54
159	Association of physical activity with hormone receptor status: the Shanghai Breast Cancer Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2006 , 15, 1170-8	4	54
158	Reliability and validity of YRBS physical activity items among middle school students. <i>Medicine and Science in Sports and Exercise</i> , 2007 , 39, 416-25	1.2	54

157	Effect of adiposity and fat distribution on endometrial cancer risk in Shanghai women. <i>American Journal of Epidemiology</i> , 2005 , 161, 939-47	3.8	54
156	Physical activity and risk of endometrial cancer: a report from the Shanghai endometrial cancer study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2005 , 14, 779-85	4	51
155	Energy balance and breast cancer risk. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2005 , 14, 1496-501	5	50
154	Seasonal changes in amount and patterns of physical activity in women. <i>Journal of Physical Activity and Health</i> , 2009 , 6, 252-61	2.5	48
153	Objectively measured sedentary time is related to quality of life among cancer survivors. <i>PLoS ONE</i> , 2014 , 9, e87937	3.7	47
152	Influence of cardiorespiratory fitness on lung cancer mortality. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 872-8	1.2	47
151	Physical activity and the incidence of type 2 diabetes in the Shanghai women's health study. <i>International Journal of Epidemiology</i> , 2006 , 35, 1553-62	7.8	47
150	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
149	Sources of variance in daily physical activity levels in the seasonal variation of blood cholesterol study. <i>American Journal of Epidemiology</i> , 2001 , 153, 987-95	3.8	46
148	Relationship between leisure-time physical activity and selected dietary variables in the Worcester Area Trial for Counseling in Hyperlipidemia. <i>Medicine and Science in Sports and Exercise</i> , 1997 , 29, 1199-207	1.2	46
147	Amount and Intensity of Leisure-Time Physical Activity and Lower Cancer Risk. <i>Journal of Clinical Oncology</i> , 2020 , 38, 686-697	2.2	46
146	Endogenous Estrogens, Estrogen Metabolites, and Breast Cancer Risk in Postmenopausal Chinese Women. <i>Journal of the National Cancer Institute</i> , 2016 , 108,	9.7	46
145	Racial differences in the association between body mass index and serum IGF1, IGF2, and IGFBP3. <i>Endocrine-Related Cancer</i> , 2010 , 17, 51-60	5.7	45
144	The Consortium of Metabolomics Studies (COMETS): Metabolomics in 47 Prospective Cohort Studies. <i>American Journal of Epidemiology</i> , 2019 , 188, 991-1012	3.8	44
143	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
142	Physical activity and breast cancer risk in Chinese women. <i>British Journal of Cancer</i> , 2011 , 105, 1443-50	8.7	44
141	Sleep Duration and Cancer in the NIH-AARP Diet and Health Study Cohort. <i>PLoS ONE</i> , 2016 , 11, e0161561	3.7	44
140	The association between frequency of vigorous physical activity and hepatobiliary cancers in the NIH-AARP Diet and Health Study. <i>European Journal of Epidemiology</i> , 2013 , 28, 55-66	12.1	43

139	Behavioral risk factors among members of a health maintenance organization. <i>Preventive Medicine</i> , 2001 , 33, 586-94	4.3	43
138	Gender differences in predictors of body weight and body weight change in healthy adults. <i>Obesity</i> , 2008 , 16, 137-45	8	42
137	Self-rated health and all-cause and cause-specific mortality of older adults: Individual data meta-analysis of prospective cohort studies in the CHANCES Consortium. <i>Maturitas</i> , 2017 , 103, 37-44	5	41
136	Volume of Light Versus Moderate-to-Vigorous Physical Activity: Similar Benefits for All-Cause Mortality?. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	41
135	Physical activity and reduced risk of incident sporadic colorectal adenomas: observational support for mechanisms involving energy balance and inflammation modulation. <i>American Journal of Epidemiology</i> , 2004 , 159, 983-92	3.8	41
134	Cigarette smoking behaviour and blood metabolomics. <i>International Journal of Epidemiology</i> , 2016 , 45, 1421-1432	7.8	40
133	Plasma metabolomic profiles in association with type 2 diabetes risk and prevalence in Chinese adults. <i>Metabolomics</i> , 2016 , 12, 1	4.7	40
132	Reproducibility and validity of the Shanghai Men's Health Study physical activity questionnaire. <i>American Journal of Epidemiology</i> , 2007 , 165, 1124-33	3.8	40
131	Sedentary and physically active behavior patterns among low-income African-American and white adults living in the southeastern United States. <i>PLoS ONE</i> , 2013 , 8, e59975	3.7	39
130	A Metabolomics Analysis of Body Mass Index and Postmenopausal Breast Cancer Risk. <i>Journal of the National Cancer Institute</i> , 2018 , 110, 588-597	9.7	38
129	Serum adiponectin in relation to body mass index and other correlates in black and white women. <i>Annals of Epidemiology</i> , 2011 , 21, 86-94	6.4	38
128	Interventions to increase walking behavior. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, S567-73.	1.2	38
127	Overall and Central Obesity and Risk of Lung Cancer: A Pooled Analysis. <i>Journal of the National Cancer Institute</i> , 2018 , 110, 831-842	9.7	37
126	ADIPOQ, ADIPOR1, and ADIPOR2 polymorphisms in relation to serum adiponectin levels and BMI in black and white women. <i>Obesity</i> , 2011 , 19, 2053-62	8	36
125	Body mass index and physical activity at different ages and risk of multiple myeloma in the NIH-AARP diet and health study. <i>American Journal of Epidemiology</i> , 2013 , 177, 776-86	3.8	35
124	HTR1B, ADIPOR1, PPARGC1A, and CYP19A1 and obesity in a cohort of Caucasians and African Americans: an evaluation of gene-environment interactions and candidate genes. <i>American Journal of Epidemiology</i> , 2012 , 175, 11-21	3.8	35
123	Validation of a computerized 24-hour physical activity recall (24PAR) instrument with pattern-recognition activity monitors. <i>Journal of Physical Activity and Health</i> , 2009 , 6, 211-20	2.5	35
122	Metabolic syndrome and risk of death from cancers of the digestive system. <i>Metabolism: Clinical and Experimental</i> , 2010 , 59, 1231-9	12.7	34

121	Reproducibility of Accelerometer-Assessed Physical Activity and Sedentary Time. <i>American Journal of Preventive Medicine</i> , 2017 , 52, 541-548	6.1	33
120	Accelerometer-based measures of active and sedentary behavior in relation to breast cancer risk. <i>Breast Cancer Research and Treatment</i> , 2012 , 134, 1279-90	4.4	32
119	Seasonal variation of blood cholesterol levels: study methodology. <i>Journal of Biological Rhythms</i> , 1999 , 14, 330-9	3.2	32
118	Reliability and Validity of 2 Self-Report Measures to Assess Sedentary Behavior in Older Adults. <i>Journal of Physical Activity and Health</i> , 2015 , 12, 727-32	2.5	31
117	Energy balance, insulin resistance biomarkers, and breast cancer risk. <i>Cancer Detection and Prevention</i> , 2007 , 31, 214-9		31
116	Physical activity, body size, and estrogen metabolism in women. <i>Cancer Causes and Control</i> , 2004 , 15, 473-81	2.8	30
115	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
114	Sedentary behavior, physical activity, and likelihood of breast cancer among Black and White women: a report from the Southern Community Cohort Study. <i>Cancer Prevention Research</i> , 2013 , 6, 566-76	3.2	29
113	PSA and body composition by dual X-ray absorptiometry (DXA) in NHANES. <i>Prostate</i> , 2010 , 70, 120-5	4.2	29
112	Sleep duration and breast cancer risk among black and white women. <i>Sleep Medicine</i> , 2016 , 20, 25-9	4.6	28
111	Joint effects of body size, energy intake, and physical activity on breast cancer risk. <i>Breast Cancer Research and Treatment</i> , 2009 , 113, 153-61	4.4	28
110	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
109	Body size and physical activity in relation to incidence of chronic obstructive pulmonary disease. <i>Cmaj</i> , 2014 , 186, E457-69	3.5	27
108	Physical activity in the United States measured by accelerometer: comment. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, 1188; author reply 1189	1.2	27
107	Accumulation of behavioral validation evidence for physical activity stage of change. <i>Health Psychology</i> , 2008 , 27, S43-53	5	26
106	Prolonged Leisure Time Spent Sitting in Relation to Cause-Specific Mortality in a Large US Cohort. <i>American Journal of Epidemiology</i> , 2018 , 187, 2151-2158	3.8	26
105	The Joint Associations of Sedentary Time and Physical Activity With Mobility Disability in Older People: The NIH-AARP Diet and Health Study. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2018 , 73, 532-538	6.4	25
104	The Alberta moving beyond breast cancer (AMBER) cohort study: a prospective study of physical activity and health-related fitness in breast cancer survivors. <i>BMC Cancer</i> , 2012 , 12, 525	4.8	25

103	Comparison of two accelerometers for measuring physical activity and sedentary behaviour. <i>BMJ Open Sport and Exercise Medicine</i> , 2017 , 3, e000227	3.4	24
102	Physical activity in different periods of life, sedentary behavior, and the risk of ovarian cancer in the NIH-AARP diet and health study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2013 , 22, 2000-8	4	24
101	Cardiorespiratory fitness and risk of prostate cancer: findings from the Aerobics Center Longitudinal Study. <i>Cancer Epidemiology</i> , 2011 , 35, 59-65	2.8	24
100	A prospective analysis of prolonged sitting time and risk of renal cell carcinoma among 300,000 older adults. <i>Annals of Epidemiology</i> , 2011 , 21, 787-90	6.4	22
99	Sources of variability in metabolite measurements from urinary samples. <i>PLoS ONE</i> , 2014 , 9, e95749	3.7	22
98	Body mass index, physical activity, and television time in relation to mortality risk among endometrial cancer survivors in the NIH-AARP Diet and Health Study cohort. <i>Cancer Causes and Control</i> , 2016 , 27, 1403-1409	2.8	22
97	A pooled analysis of body mass index and mortality among African Americans. <i>PLoS ONE</i> , 2014 , 9, e111980	3.7	21
96	Parity and breastfeeding in relation to obesity among black and white women in the southern community cohort study. <i>Journal of Women's Health</i> , 2009 , 18, 1323-32	3	20
95	Habitual Sleep and human plasma metabolomics. <i>Metabolomics</i> , 2017 , 13, 1	4.7	19
94	Objective Measures of Physical Activity and Cardiometabolic and Endocrine Biomarkers. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 1817-1825	1.2	19
93	Mortality Risk Reductions for Replacing Sedentary Time With Physical Activities. <i>American Journal of Preventive Medicine</i> , 2019 , 56, 736-741	6.1	19
92	Sedentary behavior and prostate cancer risk in the NIH-AARP Diet and Health Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2014 , 23, 882-9	4	19
91	Differences in the association between serum leptin levels and body mass index in black and white women: a report from the Southern Community Cohort Study. <i>Annals of Nutrition and Metabolism</i> , 2012 , 60, 90-7	4.5	19
90	Association of Active and Sedentary Behaviors with Postmenopausal Estrogen Metabolism. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 439-48	1.2	19
89	Daily steps and all-cause mortality: a meta-analysis of 15 international cohorts.. <i>Lancet Public Health, The</i> , 2022 , 7, e219-e228	22.4	19
88	A prospective study of sedentary behavior and changes in the body mass index distribution. <i>Medicine and Science in Sports and Exercise</i> , 2014 , 46, 2244-52	1.2	18
87	Relationship between smoking and obesity among women. <i>American Journal of Health Behavior</i> , 2011 , 35, 627-36	1.9	18
86	Energy balance and type 2 diabetes: a report from the Shanghai Women's Health Study. <i>Nutrition, Metabolism and Cardiovascular Diseases</i> , 2009 , 19, 190-7	4.5	18

85	Relationship between sleep characteristics and measures of body size and composition in a nationally-representative sample. <i>BMC Obesity</i> , 2016 , 3, 48	3.6	18
84	Assessing physical behavior through accelerometry: State of the science, best practices and future directions. <i>Psychology of Sport and Exercise</i> , 2020 , 49, 101703	4.2	17
83	Body mass index trajectories across adulthood and smoking in relation to prostate cancer risks: the NIH-AARP Diet and Health Study. <i>International Journal of Epidemiology</i> , 2019 , 48, 464-473	7.8	17
82	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
81	Ten-Year Change in Neighborhood Socioeconomic Deprivation and Rates of Total, Cardiovascular Disease, and Cancer Mortality in Older US Adults. <i>American Journal of Epidemiology</i> , 2018 , 187, 2642-2650	3.8	17
80	Predictors and long-term reproducibility of urinary phthalate metabolites in middle-aged men and women living in urban Shanghai. <i>Environment International</i> , 2015 , 84, 94-106	12.9	16
79	Evaluation of a questionnaire to assess sedentary and active behaviors in the Southern Community Cohort Study. <i>Journal of Physical Activity and Health</i> , 2012 , 9, 765-75	2.5	16
78	Validity of a physical activity questionnaire in Shanghai. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 2222-30	1.2	16
77	An Executive Summary of Reports From an International Multidisciplinary Roundtable on Exercise and Cancer: Evidence, Guidelines, and Implementation. <i>Rehabilitation Oncology</i> , 2019 , 37, 144-152	0.8	16
76	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
75	Anthropometric measures and serum estrogen metabolism in postmenopausal women: the Women's Health Initiative Observational Study. <i>Breast Cancer Research</i> , 2017 , 19, 28	8.3	15
74	Physical activity and obesity gap between black and white women in the southeastern U.S. <i>American Journal of Preventive Medicine</i> , 2010 , 39, 140-7	6.1	15
73	Association between physical activity and urinary estrogens and estrogen metabolites in premenopausal women. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2012 , 97, 3724-33	5.6	15
72	Intensity of physical activity in the energy expenditure of older adults. <i>Journal of Aging and Physical Activity</i> , 2014 , 22, 571-7	1.6	14
71	Prediagnosis Sleep Duration, Napping, and Mortality Among Colorectal Cancer Survivors in a Large US Cohort. <i>Sleep</i> , 2017 , 40,	1.1	13
70	Calibration of Self-Report Measures of Physical Activity and Sedentary Behavior. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 1473-1481	1.2	13
69	Research Strategies for Nutritional and Physical Activity Epidemiology and Cancer Prevention. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018 , 27, 233-244	4	13
68	Physical activity and sedentary behavior in relation to esophageal and gastric cancers in the NIH-AARP cohort. <i>PLoS ONE</i> , 2013 , 8, e84805	3.7	13

67	Weight Training and Risk of 10 Common Types of Cancer. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 1845-1851	1.2	13
66	Ten-year change in neighborhood socioeconomic status and colorectal cancer. <i>Cancer</i> , 2019 , 125, 610-617.	7.4	13
65	Physical activity across the lifespan and liver cancer incidence in the NIH-AARP Diet and Health Study cohort. <i>Cancer Medicine</i> , 2018 , 7, 1450-1457	4.8	12
64	The Alberta Moving Beyond Breast Cancer (AMBER) Cohort Study: Recruitment, Baseline Assessment, and Description of the First 500 Participants. <i>BMC Cancer</i> , 2016 , 16, 481	4.8	12
63	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
62	Combined Impact of Health Behaviors on Mortality in Low-Income Americans. <i>American Journal of Preventive Medicine</i> , 2016 , 51, 344-55	6.1	12
61	Invited commentary: meta-physical activity and the search for the truth. <i>American Journal of Epidemiology</i> , 2015 , 181, 656-8	3.8	11
60	Physical activity, sedentary behavior and all-cause mortality among blacks and whites with diabetes. <i>Annals of Epidemiology</i> , 2015 , 25, 649-55	6.4	11
59	Use of previous-day recalls of physical activity and sedentary behavior in epidemiologic studies: results from four instruments. <i>BMC Public Health</i> , 2019 , 19, 478	4.1	10
58	Effects of prescribed aerobic exercise volume on physical activity and sedentary time in postmenopausal women: a randomized controlled trial. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2018 , 15, 27	8.4	10
57	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
56	A prospective investigation of neighborhood socioeconomic deprivation and self-rated health in a large US cohort. <i>Health and Place</i> , 2017 , 44, 70-76	4.6	9
55	Body mass index and mortality among blacks and whites adults in the Prostate, Lung, Colorectal, and Ovarian (PLCO) cancer screening trial. <i>Obesity</i> , 2014 , 22, 260-8	8	9
54	Sitting, physical activity, and serum oestrogen metabolism in postmenopausal women: the Women's Health Initiative Observational Study. <i>British Journal of Cancer</i> , 2017 , 117, 1070-1078	8.7	9
53	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
52	Body size in relation to urinary estrogens and estrogen metabolites (EM) among premenopausal women during the luteal phase. <i>Hormones and Cancer</i> , 2012 , 3, 249-60	5	8
51	Pre- and post-diagnosis physical activity, television viewing, and mortality among hematologic cancer survivors. <i>PLoS ONE</i> , 2018 , 13, e0192078	3.7	8
50	Physical Activity and Risk of Colon Cancer in Diabetic and Nondiabetic US Adults. <i>Mayo Clinic Proceedings</i> , 2016 , 91, 1693-1705	6.4	8

49	Post-diagnosis body mass index and mortality among women diagnosed with endometrial cancer: Results from the Women's Health Initiative. <i>PLoS ONE</i> , 2017 , 12, e0171250	3.7	7
48	Intra-individual variation of miRNA expression levels in human plasma samples. <i>Biomarkers</i> , 2018 , 23, 339-346	2.6	7
47	A small number of candidate gene SNPs reveal continental ancestry in African Americans. <i>Annals of Human Genetics</i> , 2013 , 77, 56-66	2.2	7
46	Distinguishing True Sedentary From Accelerometer Non-wearing Time: Accuracy Of Two Automated Wear-time Estimations. <i>Medicine and Science in Sports and Exercise</i> , 2009 , 41, 171-172	1.2	7
45	Exploration of Confounding Due to Poor Health in an Accelerometer-Mortality Study. <i>Medicine and Science in Sports and Exercise</i> , 2020 , 52, 2546-2553	1.2	7
44	Association of physical activity and sedentary time with blood cell counts: National Health and Nutrition Survey 2003-2006. <i>PLoS ONE</i> , 2018 , 13, e0204277	3.7	7
43	Effects of Exercise and Cardiorespiratory Fitness on Estrogen Metabolism in Postmenopausal Women. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2018 , 27, 1480-1482	4	6
42	Estimated Number of Deaths Prevented Through Increased Physical Activity Among US Adults.. <i>JAMA Internal Medicine</i> , 2022 ,	11.5	6
41	Circulating trimethylamine N-oxide in association with diet and cardiometabolic biomarkers: an international pooled analysis. <i>American Journal of Clinical Nutrition</i> , 2021 , 113, 1145-1156	7	6
40	Associations of Sedentary Time with Energy Expenditure and Anthropometric Measures. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 2575-2583	1.2	6
39	Physical Activity Patterns and Relationships With Cognitive Function in Patients With Breast Cancer Before, During, and After Chemotherapy in a Prospective, Nationwide Study. <i>Journal of Clinical Oncology</i> , 2021 , 39, 3283-3292	2.2	6
38	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
37	Patterns of cancer-related health behaviors among middle-aged and older adults: Individual- and area-level socioeconomic disparities. <i>Preventive Medicine</i> , 2018 , 115, 31-38	4.3	5
36	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
35	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
34	Gastroesophageal reflux disease: A risk factor for laryngeal squamous cell carcinoma and esophageal squamous cell carcinoma in the NIH-AARP Diet and Health Study cohort. <i>Cancer</i> , 2021 , 127, 1871-1879	6.4	5
33	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
32	Physical Activity Is Key for Successful Aging-Reply: Even a Little Is Good. <i>JAMA Internal Medicine</i> , 2015 , 175, 1863	11.5	4

31	Physical activity and renal cell carcinoma among black and white Americans: a case-control study. <i>BMC Cancer</i> , 2014 , 14, 707	4.8	4
30	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
29	Calibration of activity-related energy expenditure in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). <i>Journal of Science and Medicine in Sport</i> , 2019 , 22, 300-306	4.4	4
28	Leisure time physical activity throughout adulthood is associated with lower medicare costs: evidence from the linked NIH-AARP diet and health study cohort. <i>BMJ Open Sport and Exercise Medicine</i> , 2021 , 7, e001038	3.4	4
27	Physical activity and sedentary behavior in relation to mortality among renal cell cancer survivors. <i>PLoS ONE</i> , 2018 , 13, e0198995	3.7	4
26	Sedentary Behavior in U.S. Adults: Fall 2019. <i>Medicine and Science in Sports and Exercise</i> , 2021 , 53, 2512-2519		4
25	Population Attributable Risks of Subtypes of Esophageal and Gastric Cancers in the United States. <i>American Journal of Gastroenterology</i> , 2021 , 116, 1844-1852	0.7	4
24	Weekday and weekend sleep duration and mortality among middle-to-older aged White and Black adults in a low-income southern US cohort. <i>Sleep Health</i> , 2019 , 5, 521-527	4	3
23	Ambulatory Function and Mortality among Cancer Survivors in the NIH-AARP Diet and Health Study. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2021 , 30, 690-698	4	3
22	Amount, Type, and Timing of Domain-Specific Moderate to Vigorous Physical Activity Among US Adults. <i>Journal of Physical Activity and Health</i> , 2021 , 18, S114-S122	2.5	3
21	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
20	The Legacy of Dr. Ralph Seal Paffenbarger, Jr. - Past, Present, and Future Contributions to Physical Activity Research 2009 , 10, 1-8		2
19	Increased frequency of intentional weight loss associated with reduced mortality: a prospective cohort analysis. <i>BMC Medicine</i> , 2020 , 18, 248	11.4	2
18	Association of the Age at Menarche with Site-Specific Cancer Risks in Pooled Data from Nine Cohorts. <i>Cancer Research</i> , 2021 , 81, 2246-2255	10.1	2
17	Physical Activity From Adolescence Through Midlife and Associations With Body Mass Index and Endometrial Cancer Risk. <i>JNCI Cancer Spectrum</i> , 2021 , 5, pkab065	4.6	2
16	Methods to Assess Measurement Error in Questionnaires of Sedentary Behavior. <i>Journal of Applied Statistics</i> , 2016 , 43, 1706-1721	1	2
15	A Metabolomics Analysis of Postmenopausal Breast Cancer Risk in the Cancer Prevention Study II. <i>Metabolites</i> , 2021 , 11,	5.6	2
14	Trends in Self-Reported Sitting Time by Physical Activity Levels Among US Adults, NHANES 2007/2008-2017/2018. <i>Journal of Physical Activity and Health</i> , 2021 , 18, S74-S83	2.5	2

13	Physical Activity and Risk of Male Breast Cancer. <i>Cancer Epidemiology Biomarkers and Prevention</i> , 2015 , 24, 1898-901	4	1
12	A Review of Statistical Analyses on Physical Activity Data Collected from Accelerometers. <i>Statistics in Biosciences</i> , 2019 , 11, 465-476	1.5	1
11	Non-exercise estimated cardiorespiratory fitness and mortality from all-causes, cardiovascular disease, and cancer in the NIH-AARP diet and health study. <i>European Journal of Preventive Cardiology</i> , 2020 ,	3.9	1
10	Associations of circulating choline and its related metabolites with cardiometabolic biomarkers: an international pooled analysis. <i>American Journal of Clinical Nutrition</i> , 2021 , 114, 893-906	7	1
9	The joint associations of weight status and physical activity with mobility disability: The NIH-AARP Diet and Health Study. <i>International Journal of Obesity</i> , 2019 , 43, 1830-1838	5.5	1
8	Protocol and Data Description: The Free-Living Activity Study for Health. <i>Journal for the Measurement of Physical Behaviour</i> , 2021 , 4, 197-204	2.3	1
7	Using repeated measures to correct correlated measurement errors through orthogonal decomposition. <i>Communications in Statistics - Theory and Methods</i> , 2017 , 46, 11604-11611	0.5	0
6	The Alberta moving beyond breast cancer (AMBER) cohort study: baseline description of the full cohort.. <i>Cancer Causes and Control</i> , 2022 , 33, 441	2.8	0
5	Rest-activity profiles among U.S. adults in a nationally representative sample: a functional principal component analysis.. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2022 , 19, 32	8.4	0
4	Response. <i>Journal of the National Cancer Institute</i> , 2014 , 106, djt377	9.7	
3	Integration of Report-Based Methods to Enhance the Interpretation of Monitor-Based Research: Results From the Free-Living Activity Study for Health Project. <i>Journal for the Measurement of Physical Behaviour</i> , 2022 , 5, 42-48	2.3	
2	Obesity and Cancer in Asia 2010 , 65-86		
1	Rethinking physical activity assessment in cancer survivors: a multi-component approach using NHANES data. <i>Journal of Cancer Survivorship</i> , 2021 , 1	5.1	