

Richard P Troiano

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/5653944/richard-p-troiano-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

104
papers

21,541
citations

57
h-index

116
g-index

116
ext. papers

26,443
ext. citations

5.1
avg, IF

6.89
L-index

#	Paper	IF	Citations
104	Estimated Number of Deaths Prevented Through Increased Physical Activity Among US Adults.. <i>JAMA Internal Medicine</i> , 2022 ,	11.5	6
103	US Population-referenced Percentiles for Wrist-Worn Accelerometer-derived Activity. <i>Medicine and Science in Sports and Exercise</i> , 2021 , 53, 2455-2464	1.2	8
102	Sedentary Behavior in U.S. Adults: Fall 2019. <i>Medicine and Science in Sports and Exercise</i> , 2021 , 53, 2512-2519		4
101	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
100	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
99	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
98	How can global physical activity surveillance adapt to evolving physical activity guidelines? Needs, challenges and future directions. <i>British Journal of Sports Medicine</i> , 2020 , 54, 1468-1473	10.3	32
97	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
96	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
95	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
94	Sedentary Behavior and Health: Update from the 2018 Physical Activity Guidelines Advisory Committee. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 1227-1241	1.2	155
93	High-Intensity Interval Training for Cardiometabolic Disease Prevention. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 1220-1226	1.2	61
92	Daily Step Counts for Measuring Physical Activity Exposure and Its Relation to Health. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 1206-1212	1.2	93
91	Physical Activity in Cancer Prevention and Survival: A Systematic Review. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 1252-1261	1.2	198
90	Benefits of Physical Activity during Pregnancy and Postpartum: An Umbrella Review. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 1292-1302	1.2	104
89	Association between Bout Duration of Physical Activity and Health: Systematic Review. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 1213-1219	1.2	63
88	Physical Activity, All-Cause and Cardiovascular Mortality, and Cardiovascular Disease. <i>Medicine and Science in Sports and Exercise</i> , 2019 , 51, 1270-1281	1.2	123

87	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
86	Comparison of self-reported dietary intakes from the Automated Self-Administered 24-h recall, 4-d food records, and food-frequency questionnaires against recovery biomarkers. <i>American Journal of Clinical Nutrition</i> , 2018 , 107, 80-93	7	126
85	Moderate-to-Vigorous Physical Activity and All-Cause Mortality: Do Bouts Matter?. <i>Journal of the American Heart Association</i> , 2018 , 7,	6	69
84	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
83	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
82	Strong Evidence from the 2018 Physical Activity Guidelines Advisory Committee. <i>Medicine and Science in Sports and Exercise</i> , 2018 , 50, 634-635	1.2	
81	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
80	The Physical Activity Guidelines for Americans. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 320, 2020-2028	27.4	1769
79	Physical Activity Guidelines for Americans From the US Department of Health and Human Services. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2018 , 11, e005263	5.8	131
78	Can socioeconomic health differences be explained by physical activity at work and during leisure time? Rationale and protocol of the active worker individual participant meta-analysis. <i>BMJ Open</i> , 2018 , 8, e023379	3	5
77	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
76	Evaluating Measures of Physical Activity and Sedentary Behavior Suitable for Large Epidemiologic Studies. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 530	1.2	
75	Evaluating the Science for Physical Activity Policy. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 1011-1012	1.2	
74	Multiple imputation of completely missing repeated measures data within person from a complex sample: application to accelerometer data in the National Health and Nutrition Examination Survey. <i>Statistics in Medicine</i> , 2016 , 35, 5170-5188	2.3	9
73	Strategic Priorities for Physical Activity Surveillance in the United States. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 2057-69	1.2	28
72	Use of population-referenced total activity counts percentiles to assess and classify physical activity of population groups. <i>Preventive Medicine</i> , 2016 , 87, 35-40	4.3	4
71	Associations of Relative Handgrip Strength and Cardiovascular Disease Biomarkers in U.S. Adults, 2011-2012. <i>American Journal of Preventive Medicine</i> , 2016 , 50, 677-683	6.1	127
70	Muscular Grip Strength Estimates of the U.S. Population from the National Health and Nutrition Examination Survey 2011-2012. <i>Journal of Strength and Conditioning Research</i> , 2016 , 30, 867-74	3.2	49

69	Number of accelerometer monitoring days needed for stable group-level estimates of activity. <i>Physiological Measurement</i> , 2016 , 37, 1447-55	2.9	34
68	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
67	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
66	BMI and mortality: the limits of epidemiological evidence. <i>Lancet, The</i> , 2016 , 388, 734-6	4.0	11
65	Physical Activity Measures in the Healthy Communities Study. <i>American Journal of Preventive Medicine</i> , 2015 , 49, 653-9	6.1	22
64	Opportunities for public health to increase physical activity among youths. <i>American Journal of Public Health</i> , 2015 , 105, 421-6	5.1	23
63	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
62	Accelerometer-based physical activity: total volume per day and standardized measures. <i>Medicine and Science in Sports and Exercise</i> , 2015 , 47, 833-8	1.2	110
61	Evolution of accelerometer methods for physical activity research. <i>British Journal of Sports Medicine</i> , 2014 , 48, 1019-23	10.3	538
60	Reproducibility of physical activity recall over fifteen years: longitudinal evidence from the CARDIA study. <i>BMC Public Health</i> , 2013 , 13, 180	4.1	8
59	A measurement error model for physical activity level as measured by a questionnaire with application to the 1999-2006 NHANES questionnaire. <i>American Journal of Epidemiology</i> , 2013 , 177, 1199-208	3.8	40
58	Knowledge of energy balance guidelines and associated clinical care practices: the U.S. National Survey of Energy Balance Related Care among Primary Care Physicians. <i>Preventive Medicine</i> , 2012 , 55, 28-33	4.3	8
57	Reported physical activity and sedentary behavior: why do you ask?. <i>Journal of Physical Activity and Health</i> , 2012 , 9 Suppl 1, S68-75	2.5	108
56	Physical activity and physical fitness: standardizing assessment with the PhenX Toolkit. <i>American Journal of Preventive Medicine</i> , 2012 , 42, 486-92	6.1	13
55	A catalog of rules, variables, and definitions applied to accelerometer data in the National Health and Nutrition Examination Survey, 2003-2006. <i>Preventing Chronic Disease</i> , 2012 , 9, E113	3.7	174
54	Assessment of physical activity using wearable monitors: recommendations for monitor calibration and use in the field. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, S1-4	1.2	156
53	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
52	Relation between holiday weight gain and total energy expenditure among 40- to 69-y-old men and women (OPEN study). <i>American Journal of Clinical Nutrition</i> , 2012 , 95, 726-31	7	26

51	The accuracy of the Goldberg method for classifying misreporters of energy intake on a food frequency questionnaire and 24-h recalls: comparison with doubly labeled water. <i>European Journal of Clinical Nutrition</i> , 2012 , 66, 569-76	5.2	66
50	Sedentary activity associated with metabolic syndrome independent of physical activity. <i>Diabetes Care</i> , 2011 , 34, 497-503	14.6	344
49	Employment and physical activity in the U.S. <i>American Journal of Preventive Medicine</i> , 2011 , 41, 136-45	6.1	112
48	Assigning metabolic equivalent values to the 2002 census occupational classification system. <i>Journal of Physical Activity and Health</i> , 2011 , 8, 581-6	2.5	47
47	Self-reported and objectively measured activity related to biomarkers using NHANES. <i>Medicine and Science in Sports and Exercise</i> , 2011 , 43, 815-21	1.2	120
46	Levels and patterns of objectively assessed physical activity--a comparison between Sweden and the United States. <i>American Journal of Epidemiology</i> , 2010 , 171, 1055-64	3.8	209
45	Effect of smoking status on total energy expenditure. <i>Nutrition and Metabolism</i> , 2010 , 7, 81	4.6	10
44	Promises and pitfalls of emerging measures of physical activity and the environment. <i>American Journal of Preventive Medicine</i> , 2010 , 38, 682-3	6.1	13
43	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
42	How Many Accelerometer Days are Needed for Stable Population and Individual Weekly Activity Estimates?. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 117-118	1.2	6
41	A Measurement Error Model for Physical Activity Level with Application to a Physical Activity Questionnaire. <i>Medicine and Science in Sports and Exercise</i> , 2010 , 42, 809	1.2	
40	Can there be a single best measure of reported physical activity?. <i>American Journal of Clinical Nutrition</i> , 2009 , 89, 736-7	7	28
39	Linking the American Time Use Survey (ATUS) and the Compendium of Physical Activities: methods and rationale. <i>Journal of Physical Activity and Health</i> , 2009 , 6, 347-53	2.5	90
38	Physical activity in the United States measured by accelerometer. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, 181-8	1.2	4892
37	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
36	Walking the dog: is pet ownership associated with physical activity in California?. <i>Journal of Physical Activity and Health</i> , 2008 , 5, 216-28	2.5	66
35	Within-Person Differences in Physical Activity Measured by Self-Report and Accelerometer in NHANES 2003-2004. <i>Medicine and Science in Sports and Exercise</i> , 2008 , 40, S203	1.2	3
34	Differences between objective and self-report measures of physical activity. What do they mean?. <i>The Korean Journal of Measurement and Evaluation in Physical Education and Sports Science</i> , 2008 , 10, 31-42	0	1

33	Total daily energy expenditure among middle-aged men and women: the OPEN Study. <i>American Journal of Clinical Nutrition</i> , 2007 , 86, 382-7	7	63
32	OPEN about obesity: recovery biomarkers, dietary reporting errors and BMI. <i>International Journal of Obesity</i> , 2007 , 31, 956-61	5.5	101
31	Large-scale applications of accelerometers: new frontiers and new questions. <i>Medicine and Science in Sports and Exercise</i> , 2007 , 39, 1501	1.2	117
30	A comparison of two dietary instruments for evaluating the fat-breast cancer relationship. <i>International Journal of Epidemiology</i> , 2006 , 35, 1011-21	7.8	124
29	Physical activity and acculturation among adult Hispanics in the United States. <i>Research Quarterly for Exercise and Sport</i> , 2006 , 77, 147-57	1.9	94
28	Reliability and validity of the Past Year Total Physical Activity Questionnaire. <i>American Journal of Epidemiology</i> , 2006 , 163, 959-70	3.8	148
27	Active transportation increases adherence to activity recommendations. <i>American Journal of Preventive Medicine</i> , 2006 , 31, 210-6	6.1	127
26	Translating accelerometer counts into energy expenditure: advancing the quest. <i>Journal of Applied Physiology</i> , 2006 , 100, 1107-8	3.7	45
25	A timely meeting: objective measurement of physical activity. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, S487-9	1.2	104
24	Accelerometer use in physical activity: best practices and research recommendations. <i>Medicine and Science in Sports and Exercise</i> , 2005 , 37, S582-8	1.2	497
23	Psychosocial predictors of energy underreporting in a large doubly labeled water study. <i>American Journal of Clinical Nutrition</i> , 2004 , 79, 795-804	7	242
22	Weight change and the risk of late-onset breast cancer in the original Framingham cohort. <i>Nutrition and Cancer</i> , 2004 , 49, 7-13	2.8	50
21	Recall of physical activity in the distant past: the 32-year follow-up of the Prospective Population Study of Women in GÖteborg, Sweden. <i>American Journal of Epidemiology</i> , 2004 , 159, 304-7	3.8	23
20	Adjustments to improve the estimation of usual dietary intake distributions in the population. <i>Journal of Nutrition</i> , 2004 , 134, 1836-43	4.1	82
19	Water turnover in 458 American adults 40-79 yr of age. <i>American Journal of Physiology - Renal Physiology</i> , 2004 , 286, F394-401	4.3	85
18	Comparison of estimated renal net acid excretion from dietary intake and body size with urine pH. <i>Journal of the American Dietetic Association</i> , 2003 , 103, 1001-7; discussion 1007		30
17	Precision of the doubly labeled water method in a large-scale application: evaluation of a streamlined-dosing protocol in the Observing Protein and Energy Nutrition (OPEN) study. <i>European Journal of Clinical Nutrition</i> , 2003 , 57, 1370-7	5.2	57
16	Patterns of health behavior in U.S. adults. <i>Preventive Medicine</i> , 2003 , 36, 615-23	4.3	297

15	A comparison of a food frequency questionnaire with a 24-hour recall for use in an epidemiological cohort study: results from the biomarker-based Observing Protein and Energy Nutrition (OPEN) study. <i>International Journal of Epidemiology</i> , 2003 , 32, 1054-62	7.8	316
14	Using intake biomarkers to evaluate the extent of dietary misreporting in a large sample of adults: the OPEN study. <i>American Journal of Epidemiology</i> , 2003 , 158, 1-13	3.8	714
13	Structure of dietary measurement error: results of the OPEN biomarker study. <i>American Journal of Epidemiology</i> , 2003 , 158, 14-21; discussion 22-6	3.8	579
12	Summary of the 2000 Surgeon General's listening session: toward a national action plan on overweight and obesity. <i>Obesity</i> , 2002 , 10, 1299-305		30
11	Physical inactivity among young people. <i>New England Journal of Medicine</i> , 2002 , 347, 706-7	59.2	18
10	Stature and pubertal stage assessment in American boys: the 1988-1994 Third National Health and Nutrition Examination Survey. <i>Journal of Adolescent Health</i> , 2002 , 30, 205-12	5.8	110
9	The association between urban form and physical activity in U.S. adults. <i>American Journal of Preventive Medicine</i> , 2002 , 23, 74-9	6.1	189
8	Evaluating the impact of population changes in diet, physical activity, and weight status on population risk for colon cancer (United States). <i>Cancer Causes and Control</i> , 2001 , 12, 305-16	2.8	27
7	Television watching, energy intake, and obesity in US children: results from the third National Health and Nutrition Examination Survey, 1988-1994. <i>JAMA Pediatrics</i> , 2001 , 155, 360-5		508
6	Be physically active each day. How can we know?. <i>Journal of Nutrition</i> , 2001 , 131, 451S-460S	4.1	32
5	Overweight Children and Adolescents: Description, Epidemiology, and Demographics. <i>Pediatrics</i> , 1998 , 101, 497-504	7.4	366
4	The influence of smoking cessation on the prevalence of overweight in the United States. <i>New England Journal of Medicine</i> , 1995 , 333, 1165-70	59.2	360
3	Overweight prevalence and trends for children and adolescents. The National Health and Nutrition Examination Surveys, 1963 to 1991. <i>JAMA Pediatrics</i> , 1995 , 149, 1085-91		1076
2	Long-term effects of Hurricane Andrew: revisiting mental health indicators. <i>Disasters</i> , 1995 , 19, 235-46	2.8	7
1	Evaluation of long-term community recovery from Hurricane Andrew: sources of assistance received by population sub-groups. <i>Disasters</i> , 1995 , 19, 338-47	2.8	3