

# Keith Diaz

## 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.

82

papers

2,882

citations

27

h-index

52

g-index

86

ext. papers

3,804

ext. citations

4.6

avg, IF

5.26

L-index

#	Paper	IF	Citations
82	Dose-response associations between accelerometry measured physical activity and sedentary time and all cause mortality: systematic review and harmonised meta-analysis. <i>BMJ, The</i> , <b>2019</b> , 366, l4570	5.9	416
81	Fitbit <sup>®</sup> : An accurate and reliable device for wireless physical activity tracking. <i>International Journal of Cardiology</i> , <b>2015</b> , 185, 138-40	3.2	271
80	Patterns of Sedentary Behavior and Mortality in U.S. Middle-Aged and Older Adults: A National Cohort Study. <i>Annals of Internal Medicine</i> , <b>2017</b> , 167, 465-475	8	246
79	Physical activity and the prevention of hypertension. <i>Current Hypertension Reports</i> , <b>2013</b> , 15, 659-68	4.7	186
78	Visit-to-visit variability of blood pressure and cardiovascular disease and all-cause mortality: a systematic review and meta-analysis. <i>Hypertension</i> , <b>2014</b> , 64, 965-82	8.5	157
77	Patterns of Sedentary Behavior in US Middle-Age and Older Adults: The REGARDS Study. <i>Medicine and Science in Sports and Exercise</i> , <b>2016</b> , 48, 430-8	1.2	103
76	Relationship of visit-to-visit and ambulatory blood pressure variability to vascular function in African Americans. <i>Hypertension Research</i> , <b>2012</b> , 35, 55-61	4.7	101
75	Unmasking masked hypertension: prevalence, clinical implications, diagnosis, correlates and future directions. <i>Journal of Human Hypertension</i> , <b>2014</b> , 28, 521-8	2.6	91
74	Racial differences in oxidative stress and inflammation: in vitro and in vivo. <i>Clinical and Translational Science</i> , <b>2011</b> , 4, 32-7	4.9	87
73	Racial differences in abnormal ambulatory blood pressure monitoring measures: Results from the Coronary Artery Risk Development in Young Adults (CARDIA) study. <i>American Journal of Hypertension</i> , <b>2015</b> , 28, 640-8	2.3	68
72	Prevalence, Determinants, and Clinical Significance of Masked Hypertension in a Population-Based Sample of African Americans: The Jackson Heart Study. <i>American Journal of Hypertension</i> , <b>2015</b> , 28, 900-8	3.3	61
71	Using Behavioral Analytics to Increase Exercise: A Randomized N-of-1 Study. <i>American Journal of Preventive Medicine</i> , <b>2018</b> , 54, 559-567	6.1	56
70	Masked Hypertension and Cardiovascular Disease Events in a Prospective Cohort of Blacks: The Jackson Heart Study. <i>Hypertension</i> , <b>2016</b> , 68, 501-10	8.5	56
69	Does Stress Result in You Exercising Less? Or Does Exercising Result in You Being Less Stressed? Or Is It Both? Testing the Bi-directional Stress-Exercise Association at the Group and Person (N of 1) Level. <i>Annals of Behavioral Medicine</i> , <b>2017</b> , 51, 799-809	4.5	48
68	Visit-to-visit and 24-h blood pressure variability: association with endothelial and smooth muscle function in African Americans. <i>Journal of Human Hypertension</i> , <b>2013</b> , 27, 671-7	2.6	46
67	Healthy lifestyle factors and risk of cardiovascular events and mortality in treatment-resistant hypertension: the Reasons for Geographic and Racial Differences in Stroke study. <i>Hypertension</i> , <b>2014</b> , 64, 465-71	8.5	45
66	Joint associations of accelero-meter measured physical activity and sedentary time with all-cause mortality: a harmonised meta-analysis in more than 44 000 middle-aged and older individuals. <i>British Journal of Sports Medicine</i> , <b>2020</b> , 54, 1499-1506	10.3	43

65	Prolonged, Uninterrupted Sedentary Behavior and Glycemic Biomarkers Among US Hispanic/Latino Adults: The HCHS/SOL (Hispanic Community Health Study/Study of Latinos). <i>Circulation</i> , <b>2017</b> , 136, 1362-1373	16.7	38
64	Physical Activity and Incident Hypertension in African Americans: The Jackson Heart Study. <i>Hypertension</i> , <b>2017</b> , 69, 421-427	8.5	36
63	Masked Hypertension and Incident Clinic Hypertension Among Blacks in the Jackson Heart Study. <i>Hypertension</i> , <b>2016</b> , 68, 220-6	8.5	35
62	Endothelial-dependent flow-mediated dilation in African Americans with masked-hypertension. <i>American Journal of Hypertension</i> , <b>2011</b> , 24, 1102-7	2.3	35
61	Endothelial activation microparticles and inflammation status improve with exercise training in african americans. <i>International Journal of Hypertension</i> , <b>2013</b> , 2013, 538017	2.4	32
60	Is Isolated Nocturnal Hypertension A Reproducible Phenotype?. <i>American Journal of Hypertension</i> , <b>2016</b> , 29, 33-8	2.3	29
59	Prevalence of Masked Hypertension and Its Association With Subclinical Cardiovascular Disease in African Americans: Results From the Jackson Heart Study. <i>Journal of the American Heart Association</i> , <b>2016</b> , 5, e002284	6	29
58	Effects of moderate aerobic exercise training on vascular health and blood pressure in African Americans. <i>Journal of Clinical Hypertension</i> , <b>2014</b> , 16, 504-10	2.3	29
57	Potential Effects on Mortality of Replacing Sedentary Time With Short Sedentary Bouts or Physical Activity: A National Cohort Study. <i>American Journal of Epidemiology</i> , <b>2019</b> , 188, 537-544	3.8	29
56	Association of Sedentary Behavior With Cancer Mortality in Middle-aged and Older US Adults. <i>JAMA Oncology</i> , <b>2020</b> , 6, 1210-1217	13.4	27
55	Rates, amounts, and determinants of ambulatory blood pressure monitoring claim reimbursements among Medicare beneficiaries. <i>Journal of the American Society of Hypertension</i> , <b>2014</b> , 8, 898-908		27
54	The use of ambulatory blood pressure monitoring among Medicare beneficiaries in 2007-2010. <i>Journal of the American Society of Hypertension</i> , <b>2014</b> , 8, 891-7		23
53	Evaluation of Criteria to Detect Masked Hypertension. <i>Journal of Clinical Hypertension</i> , <b>2016</b> , 18, 1086-1094	2.3	23
52	Physical inactivity is a strong risk factor for stroke in the oldest old: Findings from a multi-ethnic population (the Northern Manhattan Study). <i>International Journal of Stroke</i> , <b>2017</b> , 12, 197-200	6.3	21
51	Validation of the Fitbit One <sup>®</sup> for physical activity measurement at an upper torso attachment site. <i>BMC Research Notes</i> , <b>2016</b> , 9, 213	2.3	21
50	Cardiovascular Health and Incident Hypertension in Blacks: JHS (The Jackson Heart Study). <i>Hypertension</i> , <b>2017</b> , 70, 285-292	8.5	21
49	Low correlation between visit-to-visit variability and 24-h variability of blood pressure. <i>Hypertension Research</i> , <b>2013</b> , 36, 940-6	4.7	21
48	Types of Sedentary Behavior and Risk of Cardiovascular Events and Mortality in Blacks: The Jackson Heart Study. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e010406	6	20

47	Enhanced blood pressure variability in a high cardiovascular risk group of African Americans: FIT4Life Study. <i>Journal of the American Society of Hypertension</i> , <b>2010</b> , 4, 187-95		20
46	Associations of Blood Pressure Dipping Patterns With Left Ventricular Mass and Left Ventricular Hypertrophy in Blacks: The Jackson Heart Study. <i>Journal of the American Heart Association</i> , <b>2017</b> , 6,	6	19
45	Levels of office blood pressure and their operating characteristics for detecting masked hypertension based on ambulatory blood pressure monitoring. <i>American Journal of Hypertension</i> , <b>2015</b> , 28, 42-9	2.3	19
44	Are Nomothetic or Ideographic Approaches Superior in Predicting Daily Exercise Behaviors?. <i>Methods of Information in Medicine</i> , <b>2017</b> , 56, 452-460	1.5	16
43	Alterations in diastolic function in masked hypertension: findings from the masked hypertension study. <i>American Journal of Hypertension</i> , <b>2013</b> , 26, 808-15	2.3	16
42	U.S. Children Meeting Physical Activity, Screen Time, and Sleep Guidelines. <i>American Journal of Preventive Medicine</i> , <b>2020</b> , 59, 513-521	6.1	16
41	The effects of weight loss and salt reduction on visit-to-visit blood pressure variability: results from a multicenter randomized controlled trial. <i>Journal of Hypertension</i> , <b>2014</b> , 32, 840-8	1.9	14
40	Wrist-based cut-points for moderate- and vigorous-intensity physical activity for the Actical accelerometer in adults. <i>Journal of Sports Sciences</i> , <b>2018</b> , 36, 206-212	3.6	13
39	Sedentary behavior and subclinical atherosclerosis in African Americans: cross-sectional analysis of the Jackson heart study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , <b>2016</b> , 13, 31	8.4	13
38	Increased nitric oxide and attenuated diastolic blood pressure variability in african americans with mildly impaired renal function. <i>International Journal of Hypertension</i> , <b>2011</b> , 2010, 137206	2.4	11
37	Joint association between accelerometry-measured daily combination of time spent in physical activity, sedentary behaviour and sleep and all-cause mortality: a pooled analysis of six prospective cohorts using compositional analysis. <i>British Journal of Sports Medicine</i> , <b>2021</b> , 55, 1277-1285	10.3	9
36	The Influence of Daily Stress on Sedentary Behavior: Group and Person (N of 1) Level Results of a 1-Year Observational Study. <i>Psychosomatic Medicine</i> , <b>2018</b> , 80, 620-627	3.7	9
35	Hypertension and alterations in left ventricular structure and geometry in African Americans: the Jackson Heart Study. <i>Journal of the American Society of Hypertension</i> , <b>2016</b> , 10, 550-558.e10		8
34	Antihypertensive medication classes used among medicare beneficiaries initiating treatment in 2007-2010. <i>PLoS ONE</i> , <b>2014</b> , 9, e105888	3.7	8
33	An inexpensive device for monitoring patients' weights via automated hovering. <i>International Journal of Cardiology</i> , <b>2014</b> , 172, e263-4	3.2	8
32	Post-traumatic stress disorder symptoms and aversive cognitions regarding physical activity in patients evaluated for acute coronary syndrome. <i>European Journal of Preventive Cardiology</i> , <b>2018</b> , 25, 402-403	3.9	8
31	Racial Differences in the Time-Course Oxidative Stress Responses to Acute Exercise <b>2011</b> , 14, 49-59		7
30	Objectively Measured Sedentary Behavior, Physical Activity, and Cardiometabolic Risk in Hispanic Youth: Hispanic Community Health Study/Study of Latino Youth. <i>Journal of Clinical Endocrinology and Metabolism</i> , <b>2018</b> , 103, 3289-3298	5.6	7

29	Behavioral economics implementation: Regret lottery improves mHealth patient study adherence. <i>Contemporary Clinical Trials Communications</i> , <b>2019</b> , 15, 100387	1.8	6
28	OXIDATIVE STRESS RESPONSE TO SHORT DURATION BOUT OF SUBMAXIMAL AEROBIC EXERCISE IN HEALTHY YOUNG ADULTS. <i>International Journal of Exercise Science</i> , <b>2011</b> , 4, 247-256	1.3	6
27	Physical inactivity among parents of children with and without Down syndrome: the National Health Interview Survey. <i>Journal of Intellectual Disability Research</i> , <b>2020</b> , 64, 38-44	3.2	6
26	Quantile Coarsening Analysis of High-Volume Wearable Activity Data in a Longitudinal Observational Study. <i>Sensors</i> , <b>2018</b> , 18,	3.8	6
25	Sedentary time and peripheral artery disease: The Hispanic Community Health Study/Study of Latinos. <i>American Heart Journal</i> , <b>2020</b> , 222, 208-219	4.9	5
24	An interpretable health behavioral intervention policy for mobile device users. <i>IBM Journal of Research and Development</i> , <b>2018</b> , 62,	2.5	5
23	Ambulatory Arterial Stiffness Index and circadian blood pressure variability. <i>Journal of the American Society of Hypertension</i> , <b>2015</b> , 9, 705-10		4
22	Physical Activity and Sedentary Behavior Among U.S. Children With and Without Down Syndrome: The National Survey of Children's Health. <i>American Journal on Intellectual and Developmental Disabilities</i> , <b>2020</b> , 125, 230-242	2.2	4
21	Adherence to Exercise Prescription and Improvements in the Clinical and Vascular Health of African Americans. <i>International Journal of Exercise Science</i> , <b>2017</b> , 10, 246-257	1.3	4
20	Comparison of Different Algorithms for Sentiment Analysis: Psychological Stress Notes. <i>Studies in Health Technology and Informatics</i> , <b>2017</b> , 245, 1292	0.5	4
19	Posttraumatic Stress Disorder and Electronically Measured Medication Adherence After Suspected Acute Coronary Syndromes. <i>Circulation</i> , <b>2020</b> , 142, 817-819	16.7	4
18	Testing the cross-stressor hypothesis under real-world conditions: exercise as a moderator of the association between momentary anxiety and cardiovascular responses. <i>Journal of Behavioral Medicine</i> , <b>2020</b> , 43, 989-1001	3.6	3
17	A First Step Towards Behavioral Coaching for Managing Stress: A Case Study on Optimal Policy Estimation with Multi-stage Threshold Q-learning <b>2017</b> , 2017, 930-939	0.7	3
16	Leisure-time physical activity and all-cause mortality among adults with intellectual disability: the National Health Interview Survey. <i>Journal of Intellectual Disability Research</i> , <b>2020</b> , 64, 180-184	3.2	3
15	Long-Term Air Pollution and Blood Pressure in an African American Cohort: the Jackson Heart Study. <i>American Journal of Preventive Medicine</i> , <b>2021</b> , 60, 397-405	6.1	3
14	Differential Response to Exercise in African Americans with High Levels of Inflammation. <i>Ethnicity and Disease</i> , <b>2017</b> , 27, 233-240	1.8	2
13	Patterns of Sedentary Behavior in the First Month After Acute Coronary Syndrome. <i>Journal of the American Heart Association</i> , <b>2019</b> , 8, e011585	6	2
12	Accelerometer-assessed physical activity and incident diabetes in a population covering the adult life span: the Hispanic Community Health Study/Study of Latinos. <i>American Journal of Clinical Nutrition</i> , <b>2020</b> , 112, 1318-1327	7	2

11	Factors associated with objectively measured exercise participation after hospitalization for acute coronary syndrome. <i>International Journal of Cardiology</i> , <b>2019</b> , 275, 1-5	3.2	2
10	Association of Accelerometer-Measured Sedentary Time and Physical Activity With Risk of Stroke Among US Adults. <i>JAMA Network Open</i> , <b>2022</b> , 5, e2215385	10.4	2
9	Anxiety Sensitivity and Physical Inactivity in a National Sample of Adults with a History of Myocardial Infarction. <i>International Journal of Behavioral Medicine</i> , <b>2020</b> , 27, 520-526	2.6	1
8	Putative mechanisms Underlying Myocardial infarction onset and Emotions (PUME): a randomised controlled study protocol. <i>BMJ Open</i> , <b>2018</b> , 8, e020525	3	1
7	Association of Standing with Cardiovascular Disease and Mortality in Adults. <i>Current Epidemiology Reports</i> ,	2.9	1
6	Occupational standing and change in the Ankle-Brachial Index: the Jackson Heart Study. <i>Occupational and Environmental Medicine</i> , <b>2020</b> ,	2.1	1
5	Factors associated with long-term wearable physical activity monitor user engagement. <i>Translational Behavioral Medicine</i> , <b>2021</b> , 11, 262-269	3.2	1
4	Objectively Measured Physical Activity and Sedentary Time Among Adults With and Without Stroke: A National Cohort Study. <i>Stroke</i> , <b>2021</b> , 52, e729-e732	6.7	1
3	Is Sedentary Behavior a Novel Risk Factor for Cardiovascular Disease?. <i>Current Cardiology Reports</i> , <b>2022</b> , 24, 393-403	4.2	1
2	Slowing chronic kidney disease progression: should we be looking beyond mean blood pressure?. <i>Hypertension Research</i> , <b>2013</b> , 36, 112-4	4.7	
1	Possible Reverse Causation and Confounding in Study of the Association of Sedentary Behavior With Cancer Mortality-Reply. <i>JAMA Oncology</i> , <b>2021</b> , 7, 139-140	13.4	