

Kelli L Cain

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.

96
papers

6,558
citations

45
h-index

80
g-index

97
ext. papers

7,550
ext. citations

4.7
avg, IF

5.46
L-index

#	Paper	IF	Citations
96	Physical activity in relation to urban environments in 14 cities worldwide: a cross-sectional study. <i>Lancet, The</i> , 2016 , 387, 2207-17	4.0	602
95	Using accelerometers in youth physical activity studies: a review of methods. <i>Journal of Physical Activity and Health</i> , 2013 , 10, 437-50	2.5	468
94	Neighborhood built environment and income: examining multiple health outcomes. <i>Social Science and Medicine</i> , 2009 , 68, 1285-93	5.1	438
93	Objective light-intensity physical activity associations with rated health in older adults. <i>American Journal of Epidemiology</i> , 2010 , 172, 1155-65	3.8	396
92	Interactions between psychosocial and built environment factors in explaining older adults' physical activity. <i>Preventive Medicine</i> , 2012 , 54, 68-73	4.3	240
91	Home environment relationships with children's physical activity, sedentary time, and screen time by socioeconomic status. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2012 , 9, 88	8.4	228
90	Age differences in the relation of perceived neighborhood environment to walking. <i>Medicine and Science in Sports and Exercise</i> , 2009 , 41, 314-21	1.2	171
89	Perceived Neighborhood Environmental Attributes Associated with Walking and Cycling for Transport among Adult Residents of 17 Cities in 12 Countries: The IPEN Study. <i>Environmental Health Perspectives</i> , 2016 , 124, 290-8	8.4	154
88	Obesogenic neighborhood environments, child and parent obesity: the Neighborhood Impact on Kids study. <i>American Journal of Preventive Medicine</i> , 2012 , 42, e57-64	6.1	143
87	Active transportation to school over 2 years in relation to weight status and physical activity. <i>Obesity</i> , 2006 , 14, 1771-6	8	143
86	Advancing science and policy through a coordinated international study of physical activity and built environments: IPEN adult methods. <i>Journal of Physical Activity and Health</i> , 2013 , 10, 581-601	2.5	136
85	Income disparities in perceived neighborhood built and social environment attributes. <i>Health and Place</i> , 2011 , 17, 1274-83	4.6	130
84	Contribution of streetscape audits to explanation of physical activity in four age groups based on the Microscale Audit of Pedestrian Streetscapes (MAPS). <i>Social Science and Medicine</i> , 2014 , 116, 82-92	5.1	120
83	Reliability and validity of CHAMPS self-reported sedentary-to-vigorous intensity physical activity in older adults. <i>Journal of Physical Activity and Health</i> , 2012 , 9, 225-36	2.5	110
82	Physical activity, weight status, and neighborhood characteristics of dog walkers. <i>Preventive Medicine</i> , 2008 , 47, 309-12	4.3	110
81	Physical activity during youth sports practices. <i>JAMA Pediatrics</i> , 2011 , 165, 294-9		106
80	Association between neighborhood walkability and GPS-measured walking, bicycling and vehicle time in adolescents. <i>Health and Place</i> , 2015 , 32, 1-7	4.6	105

79	Neighborhood environment and psychosocial correlates of adults' physical activity. <i>Medicine and Science in Sports and Exercise</i> , 2012 , 44, 637-46	1.2	94
78	Implementing classroom physical activity breaks: Associations with student physical activity and classroom behavior. <i>Preventive Medicine</i> , 2015 , 81, 67-72	4.3	93
77	Comparison of older and newer generations of ActiGraph accelerometers with the normal filter and the low frequency extension. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2013 , 10, 51	8.4	92
76	Environmental and demographic correlates of bicycling. <i>Preventive Medicine</i> , 2013 , 57, 456-60	4.3	92
75	International study of objectively measured physical activity and sedentary time with body mass index and obesity: IPEN adult study. <i>International Journal of Obesity</i> , 2015 , 39, 199-207	5.5	89
74	Sharing good NEWS across the world: developing comparable scores across 12 countries for the Neighborhood Environment Walkability Scale (NEWS). <i>BMC Public Health</i> , 2013 , 13, 309	4.1	84
73	Correlates of Agreement between Accelerometry and Self-reported Physical Activity. <i>Medicine and Science in Sports and Exercise</i> , 2016 , 48, 1075-84	1.2	82
72	Neighborhood built environment and socioeconomic status in relation to physical activity, sedentary behavior, and weight status of adolescents. <i>Preventive Medicine</i> , 2018 , 110, 47-54	4.3	81
71	Access to parks and physical activity: an eight country comparison. <i>Urban Forestry and Urban Greening</i> , 2017 , 27, 253-263	5.4	80
70	The association of neighborhood design and recreational environments with physical activity. <i>American Journal of Health Promotion</i> , 2005 , 19, 304-9	2.5	77
69	Neighborhood environments and objectively measured physical activity in 11 countries. <i>Medicine and Science in Sports and Exercise</i> , 2014 , 46, 2253-64	1.2	75
68	Development, scoring, and reliability of the Microscale Audit of Pedestrian Streetscapes (MAPS). <i>BMC Public Health</i> , 2013 , 13, 403	4.1	72
67	Objective assessment of obesogenic environments in youth: geographic information system methods and spatial findings from the Neighborhood Impact on Kids study. <i>American Journal of Preventive Medicine</i> , 2012 , 42, e47-55	6.1	69
66	Built environment characteristics and parent active transportation are associated with active travel to school in youth age 12-15. <i>British Journal of Sports Medicine</i> , 2014 , 48, 1634-9	10.3	66
65	Neighborhood environment profiles related to physical activity and weight status: a latent profile analysis. <i>Preventive Medicine</i> , 2011 , 52, 326-31	4.3	65
64	The Relation of Perceived and Objective Environment Attributes to Neighborhood Satisfaction. <i>Environment and Behavior</i> , 2017 , 49, 136-160	5.6	63
63	Interactive effects of built environment and psychosocial attributes on physical activity: a test of ecological models. <i>Annals of Behavioral Medicine</i> , 2012 , 44, 365-74	4.5	58
62	Is the relationship between the built environment and physical activity moderated by perceptions of crime and safety?. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2014 , 11, 24	8.4	56

61	Is Your Neighborhood Designed to Support Physical Activity? A Brief Streetscape Audit Tool. <i>Preventing Chronic Disease</i> , 2015 , 12, E141	3.7	56
60	Sedentary behaviors of adults in relation to neighborhood walkability and income. <i>Health Psychology</i> , 2012 , 31, 704-13	5	55
59	Patterns of Walkability, Transit, and Recreation Environment for Physical Activity. <i>American Journal of Preventive Medicine</i> , 2015 , 49, 878-87	6.1	49
58	Linking green space to neighborhood social capital in older adults: The role of perceived safety. <i>Social Science and Medicine</i> , 2018 , 207, 38-45	5.1	48
57	Locations of Physical Activity as Assessed by GPS in Young Adolescents. <i>Pediatrics</i> , 2016 , 137,	7.4	48
56	Physical Activity in Older Adults: an Ecological Approach. <i>Annals of Behavioral Medicine</i> , 2017 , 51, 159-162	7.5	47
55	Outdoor physical activity and self rated health in older adults living in two regions of the U.S. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2012 , 9, 89	8.4	47
54	Patterns of neighborhood environment attributes in relation to children's physical activity. <i>Health and Place</i> , 2015 , 34, 164-70	4.6	46
53	Disparities in Pedestrian Streetscape Environments by Income and Race/Ethnicity. <i>SSM - Population Health</i> , 2016 , 2, 206-216	3.8	45
52	Parental and Adolescent Perceptions of Neighborhood Safety Related to Adolescents' Physical Activity in Their Neighborhood. <i>Research Quarterly for Exercise and Sport</i> , 2016 , 87, 191-9	1.9	45
51	Objectively-assessed neighbourhood destination accessibility and physical activity in adults from 10 countries: An analysis of moderators and perceptions as mediators. <i>Social Science and Medicine</i> , 2018 , 211, 282-293	5.1	44
50	Socioeconomic disparities in elementary school practices and children's physical activity during school. <i>American Journal of Health Promotion</i> , 2014 , 28, S47-53	2.5	42
49	Socioeconomic and race/ethnic disparities in observed park quality. <i>BMC Public Health</i> , 2016 , 16, 395	4.1	41
48	Children's objective physical activity by location: why the neighborhood matters. <i>Pediatric Exercise Science</i> , 2013 , 25, 468-86	2	40
47	Contextual factors related to implementation of classroom physical activity breaks. <i>Translational Behavioral Medicine</i> , 2017 , 7, 581-592	3.2	36
46	NEWS for Africa: adaptation and reliability of a built environment questionnaire for physical activity in seven African countries. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2016 , 13, 33	8.4	35
45	Neighborhood environment profiles for physical activity among older adults. <i>American Journal of Health Behavior</i> , 2012 , 36, 757-69	1.9	35
44	Adults' physical activity patterns across life domains: cluster analysis with replication. <i>Health Psychology</i> , 2010 , 29, 496-505	5	34

43	GIS-measured walkability, transit, and recreation environments in relation to older AdultsTphysical activity: A latent profile analysis. <i>Preventive Medicine</i> , 2016 , 93, 57-63	4.3	33
42	International comparison of observation-specific spatial buffers: maximizing the ability to estimate physical activity. <i>International Journal of Health Geographics</i> , 2017 , 16, 4	3.5	32
41	Elementary school practices and childrenT objectively measured physical activity during school. <i>Preventive Medicine</i> , 2013 , 57, 591-5	4.3	31
40	Sociodemographic moderators of relations of neighborhood safety to physical activity. <i>Medicine and Science in Sports and Exercise</i> , 2014 , 46, 1554-63	1.2	30
39	Developing and Validating an Abbreviated Version of the Microscale Audit for Pedestrian Streetscapes (MAPS-Abbreviated). <i>Journal of Transport and Health</i> , 2017 , 5, 84-96	3	29
38	Do associations between objectively-assessed physical activity and neighbourhood environment attributes vary by time of the day and day of the week? IPEN adult study. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017 , 14, 34	8.4	29
37	Assessing health-related resources in senior living residences. <i>Journal of Aging Studies</i> , 2011 , 25, 206-214.	4.2	26
36	Interactions of psychosocial factors with built environments in explaining adolescentsTactive transportation. <i>Preventive Medicine</i> , 2017 , 100, 76-83	4.3	24
35	Construct Validity of the Neighborhood Environment Walkability Scale for Africa. <i>Medicine and Science in Sports and Exercise</i> , 2017 , 49, 482-491	1.2	23
34	Development and reliability of a streetscape observation instrument for international use: MAPS-global. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2018 , 15, 19	8.4	22
33	Online versus in-person comparison of Microscale Audit of Pedestrian Streetscapes (MAPS) assessments: reliability of alternate methods. <i>International Journal of Health Geographics</i> , 2017 , 16, 27	3.5	21
32	Physical activity in youth dance classes. <i>Pediatrics</i> , 2015 , 135, 1066-73	7.4	20
31	Dog walking among adolescents: Correlates and contribution to physical activity. <i>Preventive Medicine</i> , 2016 , 82, 65-72	4.3	19
30	Within-person associations of young adolescentsTphysical activity across five primary locations: is there evidence of cross-location compensation?. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2017 , 14, 50	8.4	18
29	Comparison of field and online observations for measuring land uses using the Microscale Audit of Pedestrian Streetscapes (MAPS). <i>Journal of Transport and Health</i> , 2016 , 3, 278-286	3	18
28	Caregiving, Transport-Related, and Demographic Correlates of Sedentary Behavior in Older Adults: The Senior Neighborhood Quality of Life Study. <i>Journal of Aging and Health</i> , 2016 , 28, 812-33	2.6	16
27	Do associations of sex, age and education with transport and leisure-time physical activity differ across 17 cities in 12 countries?. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2019 , 16, 121	8.4	15
26	Convergent validity of ActiGraph and Actical accelerometers for estimating physical activity in adults. <i>PLoS ONE</i> , 2018 , 13, e0198587	3.7	15

25	Associations of neighborhood environmental attributes with adults' objectively-assessed sedentary time: IPEN adult multi-country study. <i>Preventive Medicine</i> , 2018 , 115, 126-133	4.3	15
24	Development and validation of the neighborhood environment walkability scale for youth across six continents. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2019 , 16, 122	8.4	12
23	Race/ethnic variations in school-year versus summer differences in adolescent physical activity. <i>Preventive Medicine</i> , 2019 , 129, 105795	4.3	11
22	Latent profile analysis of young adolescents' physical activity across locations on schooldays. <i>Journal of Transport and Health</i> , 2018 , 10, 304-314	3	11
21	Reliability between online raters with varying familiarities of a region: Microscale Audit of Pedestrian Streetscapes (MAPS). <i>Landscape and Urban Planning</i> , 2017 , 167, 240-248	7.7	11
20	Neighborhood built environment associations with adolescents' location-specific sedentary and screen time. <i>Health and Place</i> , 2019 , 56, 147-154	4.6	10
19	Dance Class Structure Affects Youth Physical Activity and Sedentary Behavior: A Study of Seven Dance Types. <i>Research Quarterly for Exercise and Sport</i> , 2015 , 86, 225-32	1.9	10
18	International Physical Activity and Built Environment Study of adolescents: IPEN Adolescent design, protocol and measures. <i>BMJ Open</i> , 2021 , 11, e046636	3	9
17	Determining thresholds for spatial urban design and transport features that support walking to create healthy and sustainable cities: findings from the IPEN Adult study. <i>The Lancet Global Health</i> , 2022 , 10, e895-e906	13.6	9
16	Defining Accelerometer Nonwear Time to Maximize Detection of Sedentary Time in Youth. <i>Pediatric Exercise Science</i> , 2018 , 30, 288-295	2	8
15	Work and Home Neighborhood Design and Physical Activity. <i>American Journal of Health Promotion</i> , 2018 , 32, 1723-1729	2.5	8
14	Relation of Adolescents' Physical Activity to After-School Recreation Environment. <i>Journal of Physical Activity and Health</i> , 2017 , 14, 382-388	2.5	7
13	Associations of built environment and proximity of food outlets with weight status: Analysis from 14 cities in 10 countries. <i>Preventive Medicine</i> , 2019 , 129, 105874	4.3	5
12	Associations Between Neighborhood Recreation Environments and Adolescent Physical Activity. <i>Journal of Physical Activity and Health</i> , 2019 , 16, 880-885	2.5	4
11	Reliability of streetscape audits comparing on-street and online observations: MAPS-Global in 5 countries. <i>International Journal of Health Geographics</i> , 2021 , 20, 6	3.5	4
10	How Well Do Seniors Estimate Distance to Food? The Accuracy of Older Adults' Reported Proximity to Local Grocery Stores. <i>Geriatrics (Switzerland)</i> , 2019 , 4,	2.2	3
9	Physical activity and sedentary time in a rural adult population in Malawi compared with an age-matched US urban population. <i>BMJ Open Sport and Exercise Medicine</i> , 2020 , 6, e000812	3.4	3
8	Physical Activity, Sedentary Time, and Diet as Mediators of the Association Between TV Time and BMI in Youth. <i>American Journal of Health Promotion</i> , 2021 , 35, 613-623	2.5	3

7	Parent Rules, Barriers, and Places for Youth Physical Activity Vary by Neighborhood Walkability and Income. <i>Children, Youth and Environments</i> , 2015 , 25, 100	1.3	2
6	Crime and Physical Activity: Development of a Conceptual Framework and Measures. <i>Journal of Physical Activity and Health</i> , 2019 , 16, 818-829	2.5	2
5	Differences in adolescent activity and dietary behaviors across home, school, and other locations warrant location-specific intervention approaches. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2020 , 17, 123	8.4	2
4	International evaluation of the Microscale Audit of Pedestrian Streetscapes (MAPS) Global instrument: comparative assessment between local and remote online observers. <i>International Journal of Behavioral Nutrition and Physical Activity</i> , 2021 , 18, 84	8.4	2
3	Validating and Shortening the Environmental Assessment of Public Recreation Spaces Observational Measure. <i>Journal of Physical Activity and Health</i> , 2018 , 1-8	2.5	2
2	Co-creating a Theory of Change to advance COVID-19 testing and vaccine uptake in underserved communities.. <i>Health Services Research</i> , 2022 ,	3.4	2
1	Crime and physical activity measures from the SAFE and Fit Environments Study (SAFE): Psychometric properties across age groups. <i>Preventive Medicine Reports</i> , 2021 , 22, 101381	2.6	