Kelli L Cain

List of Publications by Year in Descending Order

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	Co-creating a Theory of Change to advance COVID-19 testing and vaccine uptake in underserved communities.. *Health Services Research*, **2022**,	3.4	2
95	Determining thresholds for spatial urban design and transport features that support walking to create healthy and sustainable cities: findings from the IPEN Adult study.. *The Lancet Global Health*, **2022**, 10, e895-e906	13.6	9
94	International evaluation of the Microscale Audit of Pedestrian Streetscapes (MAPS) Global instrument: comparative assessment between local and remote online observers. *International Journal of Behavioral Nutrition and Physical Activity*, **2021**, 18, 84	8.4	2
93	Crime and physical activity measures from the SAFE and Fit Environments Study (SAFE): Psychometric properties across age groups. *Preventive Medicine Reports*, **2021**, 22, 101381	2.6	
92	Physical Activity, Sedentary Time, and Diet as Mediators of the Association Between TV Time and BMI in Youth. *American Journal of Health Promotion*, **2021**, 35, 613-623	2.5	3
91	Reliability of streetscape audits comparing on-street and online observations: MAPS-Global in 5 countries. *International Journal of Health Geographics*, **2021**, 20, 6	3.5	4
90	International Physical Activity and Built Environment Study of adolescents: IPEN Adolescent design, protocol and measures. *BMJ Open*, **2021**, 11, e046636	3	9
89	Physical activity and sedentary time in a rural adult population in Malawi compared with an age-matched US urban population. *BMJ Open Sport and Exercise Medicine*, **2020**, 6, e000812	3.4	3
88	Differences in adolescent activity and dietary behaviors across home, school, and other locations warrant location-specific intervention approaches. *International Journal of Behavioral Nutrition and Physical Activity*, **2020**, 17, 123	8.4	2
87	Race/ethnic variations in school-year versus summer differences in adolescent physical activity. *Preventive Medicine*, **2019**, 129, 105795	4.3	11
86	How Well Do Seniors Estimate Distance to Food? The Accuracy of Older AdultsTReported Proximity to Local Grocery Stores. *Geriatrics (Switzerland)*, **2019**, 4,	2.2	3
85	Neighborhood built environment associations with adolescentsTlocation-specific sedentary and screen time. *Health and Place*, **2019**, 56, 147-154	4.6	10
84	Associations of built environment and proximity of food outlets with weight status: Analysis from 14 cities in 10 countries. *Preventive Medicine*, **2019**, 129, 105874	4.3	5
83	Crime and Physical Activity: Development of a Conceptual Framework and Measures. *Journal of Physical Activity and Health*, **2019**, 16, 818-829	2.5	2
82	Associations Between Neighborhood Recreation Environments and Adolescent Physical Activity. *Journal of Physical Activity and Health*, **2019**, 16, 880-885	2.5	4
81	Development and validation of the neighborhood environment walkability scale for youth across six continents. *International Journal of Behavioral Nutrition and Physical Activity*, **2019**, 16, 122	8.4	12
80	Do associations of sex, age and education with transport and leisure-time physical activity differ across 17 cities in 12 countries?. *International Journal of Behavioral Nutrition and Physical Activity*, **2019**, 16, 121	8.4	15

79	Neighborhood built environment and socioeconomic status in relation to physical activity, sedentary behavior, and weight status of adolescents. *Preventive Medicine*, **2018**, 110, 47-54	4.3	81
78	Defining Accelerometer Nonwear Time to Maximize Detection of Sedentary Time in Youth. *Pediatric Exercise Science*, **2018**, 30, 288-295	2	8
77	Development and reliability of a streetscape observation instrument for international use: MAPS-global. *International Journal of Behavioral Nutrition and Physical Activity*, **2018**, 15, 19	8.4	22
76	Linking green space to neighborhood social capital in older adults: The role of perceived safety. *Social Science and Medicine*, **2018**, 207, 38-45	5.1	48
75	Work and Home Neighborhood Design and Physical Activity. *American Journal of Health Promotion*, **2018**, 32, 1723-1729	2.5	8
74	Latent profile analysis of young adolescentsTphysical activity across locations on schooldays. *Journal of Transport and Health*, **2018**, 10, 304-314	3	11
73	Validating and Shortening the Environmental Assessment of Public Recreation Spaces Observational Measure. *Journal of Physical Activity and Health*, **2018**, 1-8	2.5	2
72	Convergent validity of ActiGraph and Actical accelerometers for estimating physical activity in adults. *PLoS ONE*, **2018**, 13, e0198587	3.7	15
71	Associations of neighborhood environmental attributes with adultsTobjectively-assessed sedentary time: IPEN adult multi-country study. *Preventive Medicine*, **2018**, 115, 126-133	4.3	15
70	Objectively-assessed neighbourhood destination accessibility and physical activity in adults from 10 countries: An analysis of moderators and perceptions as mediators. *Social Science and Medicine*, **2018**, 211, 282-293	5.1	44
69	The Relation of Perceived and Objective Environment Attributes to Neighborhood Satisfaction. *Environment and Behavior*, **2017**, 49, 136-160	5.6	63
68	International comparison of observation-specific spatial buffers: maximizing the ability to estimate physical activity. *International Journal of Health Geographics*, **2017**, 16, 4	3.5	32
67	Relation of AdolescentsTPhysical Activity to After-School Recreation Environment. *Journal of Physical Activity and Health*, **2017**, 14, 382-388	2.5	7
66	Interactions of psychosocial factors with built environments in explaining adolescentsTactive transportation. *Preventive Medicine*, **2017**, 100, 76-83	4.3	24
65	Construct Validity of the Neighborhood Environment Walkability Scale for Africa. *Medicine and Science in Sports and Exercise*, **2017**, 49, 482-491	1.2	23
64	Contextual factors related to implementation of classroom physical activity breaks. *Translational Behavioral Medicine*, **2017**, 7, 581-592	3.2	36
63	Developing and Validating an Abbreviated Version of the Microscale Audit for Pedestrian Streetscapes (MAPS-Abbreviated). *Journal of Transport and Health*, **2017**, 5, 84-96	3	29
62	Online versus in-person comparison of Microscale Audit of Pedestrian Streetscapes (MAPS) assessments: reliability of alternate methods. *International Journal of Health Geographics*, **2017**, 16, 27	3.5	21

61	Access to parks and physical activity: an eight country comparison. *Urban Forestry and Urban Greening*, **2017**, 27, 253-263	5.4	80
60	Reliability between online raters with varying familiarities of a region: Microscale Audit of Pedestrian Streetscapes (MAPS). *Landscape and Urban Planning*, **2017**, 167, 240-248	7.7	11
59	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. *International Journal of Behavioral Nutrition and Physical Activity*, **2017**, 14, 34	8.4	29
58	Within-person associations of young adolescentsTphysical activity across five primary locations: is there evidence of cross-location compensation?. *International Journal of Behavioral Nutrition and Physical Activity*, **2017**, 14, 50	8.4	18
57	Physical Activity in Older Adults: an Ecological Approach. *Annals of Behavioral Medicine*, **2017**, 51, 159-169	4.5	47
56	Correlates of Agreement between Accelerometry and Self-reported Physical Activity. *Medicine and Science in Sports and Exercise*, **2016**, 48, 1075-84	1.2	82
55	Socioeconomic and race/ethnic disparities in observed park quality. *BMC Public Health*, **2016**, 16, 395	4.1	41
54	NEWS for Africa: adaptation and reliability of a built environment questionnaire for physical activity in seven African countries. *International Journal of Behavioral Nutrition and Physical Activity*, **2016**, 13, 33	8.4	35
53	Disparities in Pedestrian Streetscape Environments by Income and Race/Ethnicity. *SSM - Population Health*, **2016**, 2, 206-216	3.8	45
52	Locations of Physical Activity as Assessed by GPS in Young Adolescents. *Pediatrics*, **2016**, 137,	7.4	48
51	Perceived Neighborhood Environmental Attributes Associated with Walking and Cycling for Transport among Adult Residents of 17 Cities in 12 Countries: The IPEN Study. *Environmental Health Perspectives*, **2016**, 124, 290-8	8.4	154
50	Physical activity in relation to urban environments in 14 cities worldwide: a cross-sectional study. *Lancet, The*, **2016**, 387, 2207-17	40	602
49	Parental and Adolescent Perceptions of Neighborhood Safety Related to AdolescentsTPhysical Activity in Their Neighborhood. *Research Quarterly for Exercise and Sport*, **2016**, 87, 191-9	1.9	45
48	Comparison of field and online observations for measuring land uses using the Microscale Audit of Pedestrian Streetscapes (MAPS). *Journal of Transport and Health*, **2016**, 3, 278-286	3	18
47	Dog walking among adolescents: Correlates and contribution to physical activity. *Preventive Medicine*, **2016**, 82, 65-72	4.3	19
46	Caregiving, Transport-Related, and Demographic Correlates of Sedentary Behavior in Older Adults: The Senior Neighborhood Quality of Life Study. *Journal of Aging and Health*, **2016**, 28, 812-33	2.6	16
45	GIS-measured walkability, transit, and recreation environments in relation to older AdultsTphysical activity: A latent profile analysis. *Preventive Medicine*, **2016**, 93, 57-63	4.3	33
44	Patterns of Walkability, Transit, and Recreation Environment for Physical Activity. *American Journal of Preventive Medicine*, **2015**, 49, 878-87	6.1	49

43	Dance Class Structure Affects Youth Physical Activity and Sedentary Behavior: A Study of Seven Dance Types. *Research Quarterly for Exercise and Sport*, **2015**, 86, 225-32	1.9	10
42	Physical activity in youth dance classes. *Pediatrics*, **2015**, 135, 1066-73	7.4	20
41	Implementing classroom physical activity breaks: Associations with student physical activity and classroom behavior. *Preventive Medicine*, **2015**, 81, 67-72	4.3	93
40	Patterns of neighborhood environment attributes in relation to children's physical activity. *Health and Place*, **2015**, 34, 164-70	4.6	46
39	International study of objectively measured physical activity and sedentary time with body mass index and obesity: IPEN adult study. *International Journal of Obesity*, **2015**, 39, 199-207	5.5	89
38	Is Your Neighborhood Designed to Support Physical Activity? A Brief Streetscape Audit Tool. *Preventing Chronic Disease*, **2015**, 12, E141	3.7	56
37	Parent Rules, Barriers, and Places for Youth Physical Activity Vary by Neighborhood Walkability and Income. *Children, Youth and Environments*, **2015**, 25, 100	1.3	2
36	Association between neighborhood walkability and GPS-measured walking, bicycling and vehicle time in adolescents. *Health and Place*, **2015**, 32, 1-7	4.6	105
35	Built environment characteristics and parent active transportation are associated with active travel to school in youth age 12-15. *British Journal of Sports Medicine*, **2014**, 48, 1634-9	10.3	66
34	Is the relationship between the built environment and physical activity moderated by perceptions of crime and safety?. *International Journal of Behavioral Nutrition and Physical Activity*, **2014**, 11, 24	8.4	56
33	Socioeconomic disparities in elementary school practices and children's physical activity during school. *American Journal of Health Promotion*, **2014**, 28, S47-53	2.5	42
32	Contribution of streetscape audits to explanation of physical activity in four age groups based on the Microscale Audit of Pedestrian Streetscapes (MAPS). *Social Science and Medicine*, **2014**, 116, 82-92	5.1	120
31	Sociodemographic moderators of relations of neighborhood safety to physical activity. *Medicine and Science in Sports and Exercise*, **2014**, 46, 1554-63	1.2	30
30	Neighborhood environments and objectively measured physical activity in 11 countries. *Medicine and Science in Sports and Exercise*, **2014**, 46, 2253-64	1.2	75
29	Comparison of older and newer generations of ActiGraph accelerometers with the normal filter and the low frequency extension. *International Journal of Behavioral Nutrition and Physical Activity*, **2013**, 10, 51	8.4	92
28	Sharing good NEWS across the world: developing comparable scores across 12 countries for the Neighborhood Environment Walkability Scale (NEWS). *BMC Public Health*, **2013**, 13, 309	4.1	84
27	Development, scoring, and reliability of the Microscale Audit of Pedestrian Streetscapes (MAPS). *BMC Public Health*, **2013**, 13, 403	4.1	72
26	Elementary school practices and children's objectively measured physical activity during school. *Preventive Medicine*, **2013**, 57, 591-5	4.3	31

25	Environmental and demographic correlates of bicycling. *Preventive Medicine*, **2013**, 57, 456-60	4.3	92
24	Using accelerometers in youth physical activity studies: a review of methods. *Journal of Physical Activity and Health*, **2013**, 10, 437-50	2.5	468
23	Advancing science and policy through a coordinated international study of physical activity and built environments: IPEN adult methods. *Journal of Physical Activity and Health*, **2013**, 10, 581-601	2.5	136
22	ChildrenTs objective physical activity by location: why the neighborhood matters. *Pediatric Exercise Science*, **2013**, 25, 468-86	2	40
21	Interactions between psychosocial and built environment factors in explaining older adultsT physical activity. *Preventive Medicine*, **2012**, 54, 68-73	4.3	240
20	Reliability and validity of CHAMPS self-reported sedentary-to-vigorous intensity physical activity in older adults. *Journal of Physical Activity and Health*, **2012**, 9, 225-36	2.5	110
19	Objective assessment of obesogenic environments in youth: geographic information system methods and spatial findings from the Neighborhood Impact on Kids study. *American Journal of Preventive Medicine*, **2012**, 42, e47-55	6.1	69
18	Obesogenic neighborhood environments, child and parent obesity: the Neighborhood Impact on Kids study. *American Journal of Preventive Medicine*, **2012**, 42, e57-64	6.1	143
17	Home environment relationships with childrenTs physical activity, sedentary time, and screen time by socioeconomic status. *International Journal of Behavioral Nutrition and Physical Activity*, **2012**, 9, 88	8.4	228
16	Outdoor physical activity and self rated health in older adults living in two regions of the U.S. *International Journal of Behavioral Nutrition and Physical Activity*, **2012**, 9, 89	8.4	47
15	Sedentary behaviors of adults in relation to neighborhood walkability and income. *Health Psychology*, **2012**, 31, 704-13	5	55
14	Interactive effects of built environment and psychosocial attributes on physical activity: a test of ecological models. *Annals of Behavioral Medicine*, **2012**, 44, 365-74	4.5	58
13	Neighborhood environment profiles for physical activity among older adults. *American Journal of Health Behavior*, **2012**, 36, 757-69	1.9	35
12	Neighborhood environment and psychosocial correlates of adultsTphysical activity. *Medicine and Science in Sports and Exercise*, **2012**, 44, 637-46	1.2	94
11	Neighborhood environment profiles related to physical activity and weight status: a latent profile analysis. *Preventive Medicine*, **2011**, 52, 326-31	4.3	65
10	Assessing health-related resources in senior living residences. *Journal of Aging Studies*, **2011**, 25, 206-214	1.2	26
9	Income disparities in perceived neighborhood built and social environment attributes. *Health and Place*, **2011**, 17, 1274-83	4.6	130
8	Physical activity during youth sports practices. *JAMA Pediatrics*, **2011**, 165, 294-9		106

7	Objective light-intensity physical activity associations with rated health in older adults. *American Journal of Epidemiology*, **2010**, 172, 1155-65	3.8	396
6	AdultsTphysical activity patterns across life domains: cluster analysis with replication. *Health Psychology*, **2010**, 29, 496-505	5	34
5	Neighborhood built environment and income: examining multiple health outcomes. *Social Science and Medicine*, **2009**, 68, 1285-93	5.1	438
4	Age differences in the relation of perceived neighborhood environment to walking. *Medicine and Science in Sports and Exercise*, **2009**, 41, 314-21	1.2	171
3	Physical activity, weight status, and neighborhood characteristics of dog walkers. *Preventive Medicine*, **2008**, 47, 309-12	4.3	110
2	Active transportation to school over 2 years in relation to weight status and physical activity. *Obesity*, **2006**, 14, 1771-6	8	143
1	The association of neighborhood design and recreational environments with physical activity. *American Journal of Health Promotion*, **2005**, 19, 304-9	2.5	77