

Stephen A Matthews

List of Publications by Year in descending order

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Version: 2024-02-01

124
papers

4,443
citations

159585

30
h-index

118850

62
g-index

128
all docs

128
docs citations

128
times ranked

4741
citing authors

#	ARTICLE	IF	CITATIONS
1	Activity space environment and dietary and physical activity behaviors: A pilot study. <i>Health and Place</i> , 2011, 17, 1150-1161.	3.3	393
2	New Neighborhood Grocery Store Increased Awareness Of Food Access But Did Not Alter Dietary Habits Or Obesity. <i>Health Affairs</i> , 2014, 33, 283-291.	5.2	360
3	Beyond the Census Tract: Patterns and Determinants of Racial Segregation at Multiple Geographic Scales. <i>American Sociological Review</i> , 2008, 73, 766-791.	5.2	302
4	The geographic scale of Metropolitan racial segregation. <i>Demography</i> , 2008, 45, 489-514.	2.5	264
5	Spatial Polygamy and Contextual Exposures (SPACEs). <i>American Behavioral Scientist</i> , 2013, 57, 1057-1081.	3.8	156
6	Geo-ethnography: Coupling Geographic Information Analysis Techniques with Ethnographic Methods in Urban Research. <i>Cartographica</i> , 2005, 40, 75-90.	0.4	150
7	Mapping the results of local statistics. <i>Demographic Research</i> , 2012, 26, 151-166.	3.0	143
8	Race and space in the 1990s: Changes in the geographic scale of racial residential segregation, 1990â€“2000. <i>Social Science Research</i> , 2009, 38, 55-70.	2.0	135
9	A spatial analysis of the COVID-19 period prevalence in U.S. counties through June 28, 2020: where geography matters?. <i>Annals of Epidemiology</i> , 2020, 52, 54-59.e1.	1.9	134
10	The Salience of Neighborhood. <i>American Journal of Preventive Medicine</i> , 2008, 34, 257-259.	3.0	128
11	The Effects of Economic Conditions and Access to Reproductive Health Services On State Abortion Rates and Birthrates. <i>Family Planning Perspectives</i> , 1997, 29, 52.	0.7	110
12	Urban Poverty and Neighborhood Effects on Crime: Incorporating Spatial and Network Perspectives. <i>Sociology Compass</i> , 2014, 8, 1140-1155.	2.5	76
13	Between exposure, access and use: Reconsidering foodscape influences on dietary behaviours. <i>Health and Place</i> , 2017, 44, 1-7.	3.3	76
14	Work Group II: Using Geographic Information Systems for Enhancing Research Relevant to Policy on Diet, Physical Activity, and Weight. <i>American Journal of Preventive Medicine</i> , 2009, 36, S171-S176.	3.0	73
15	The role of social and built environments in predicting self-rated stress: A multilevel analysis in Philadelphia. <i>Health and Place</i> , 2010, 16, 803-810.	3.3	71
16	Current, future and potential use of mobile and wearable technologies and social media data in the ABCD study to increase understanding of contributors to child health. <i>Developmental Cognitive Neuroscience</i> , 2018, 32, 121-129.	4.0	71
17	Exploring the Role of the Built and Social Neighborhood Environment in Moderating Stress and Health. <i>Annals of Behavioral Medicine</i> , 2010, 39, 170-183.	2.9	69
18	Spatial Polygamy and the Heterogeneity of Place: Studying People and Place via Egocentric Methods. , 2011, , 35-55.		69

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19	Breast Cancer Screening, Area Deprivation, and Later-Stage Breast Cancer in Appalachia: Does Geography Matter?. <i>Health Services Research</i> , 2014, 49, 546-567.	2.0	66
20	Progress in Spatial Demography. <i>Demographic Research</i> , 2013, 28, 271-312.	3.0	66
21	How many days of global positioning system (GPS) monitoring do you need to measure activity space environments in health research?. <i>Health and Place</i> , 2018, 51, 52-60.	3.3	64
22	Effect of Health Care System Distrust on Breast and Cervical Cancer Screening in Philadelphia, Pennsylvania. <i>American Journal of Public Health</i> , 2011, 101, 1297-1305.	2.7	54
23	Does transportation mode modify associations between distance to food store, fruit and vegetable consumption, and BMI in low-income neighborhoods?. <i>American Journal of Clinical Nutrition</i> , 2013, 97, 167-172.	4.7	53
24	The legacy of slavery and contemporary declines in heart disease mortality in the U.S. South. <i>SSM - Population Health</i> , 2017, 3, 609-617.	2.7	49
25	Microgeography and molecular epidemiology of malaria at the Thailand-Myanmar border in the malaria pre-elimination phase. <i>Malaria Journal</i> , 2015, 14, 198.	2.3	47
26	Geographically Weighted Quantile Regression (<sc>GWQR</sc>): An Application to <sc>U</sc>.<sc>S</sc>. Mortality Data. <i>Geographical Analysis</i> , 2012, 44, 134-150.	3.5	46
27	Understanding the non-stationary associations between distrust of the health care system, health conditions, and self-rated health in the elderly: A geographically weighted regression approach. <i>Health and Place</i> , 2012, 18, 576-585.	3.3	44
28	Engineering Online and In-Person Social Networks for Physical Activity: A Randomized Trial. <i>Annals of Behavioral Medicine</i> , 2016, 50, 885-897.	2.9	43
29	Built Environment and Property Crime in Seattle, 1998-2000: A Bayesian Analysis. <i>Environment and Planning A</i> , 2010, 42, 1403-1420.	3.6	40
30	What has geography got to do with it? Using GWR to explore place-specific associations with prenatal care utilization. <i>Geo Journal</i> , 2012, 77, 331-341.	3.1	40
31	Feasibility of Using Global Positioning Systems (GPS) With Diverse Urban Adults: Before and After Data on Perceived Acceptability, Barriers, and Ease of Use. <i>Journal of Physical Activity and Health</i> , 2012, 9, 924-934.	2.0	35
32	Risk factors associated with slide positivity among febrile patients in a conflict zone of north-eastern Myanmar along the China-Myanmar border. <i>Malaria Journal</i> , 2013, 12, 361.	2.3	35
33	The Contributions of Places to Metropolitan Ethnoracial Diversity and Segregation: Decomposing Change Across Space and Time. <i>Demography</i> , 2016, 53, 1955-1977.	2.5	30
34	How Does the Neighborhood "Come through the Door"? Concentrated Disadvantage, Residential Instability, and the Home Environment for Preschoolers. <i>American Journal of Community Psychology</i> , 2018, 61, 218-228.	2.5	29
35	Racial/ethnic segregation and health disparities: Future directions and opportunities. <i>Sociology Compass</i> , 2020, 14, e12794.	2.5	29
36	Engineering online and in-person social networks to sustain physical activity: application of a conceptual model. <i>BMC Public Health</i> , 2013, 13, 753.	2.9	28

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37	There's an app for that: development of a smartphone app to promote active travel to a college campus. <i>Journal of Transport and Health</i> , 2016, 3, 305-314.	2.2	28
38	Promoting clean hands among children in Uganda: A school-based intervention using "tippy-taps"™. <i>Public Health</i> , 2013, 127, 586-589.	2.9	26
39	Clinical, Sociodemographic, and Service Provider Determinants of Guideline Concordant Colorectal Cancer Care for Appalachian Residents. <i>Journal of Rural Health</i> , 2014, 30, 27-39.	2.9	26
40	A Spatially Explicit Approach to the Study of Socio- Demographic Inequality in the Spatial Distribution of Trees across Boston Neighborhoods. <i>Spatial Demography</i> , 2014, 2, 1-29.	0.9	26
41	Development, Implementation, and Evaluation of Active Lions: A Campaign to Promote Active Travel to a University Campus. <i>American Journal of Health Promotion</i> , 2018, 32, 536-545.	1.7	26
42	Do perceptions of the neighbourhood food environment predict fruit and vegetable intake in low-income neighbourhoods?. <i>Health and Place</i> , 2013, 24, 11-15.	3.3	24
43	A step-by-step approach to improve data quality when using commercial business lists to characterize retail food environments. <i>BMC Research Notes</i> , 2017, 10, 35.	1.4	24
44	A universal trend? State-level changes in US racial and ethnic diversity, 1980 to 2015. <i>Demographic Research</i> , 2017, 37, 1031-1048.	3.0	24
45	Stochastic Variability in Stress, Sleep Duration, and Sleep Quality Across the Distribution of Body Mass Index: Insights from Quantile Regression. <i>International Journal of Behavioral Medicine</i> , 2014, 21, 282-291.	1.7	23
46	The Long Arm of Poverty: Extended and Relational Geographies of Child Victimization and Neighborhood Violence Exposures. <i>Justice Quarterly</i> , 2017, 34, 1096-1125.	1.9	23
47	Death by Segregation: Does the Dimension of Racial Segregation Matter?. <i>PLoS ONE</i> , 2015, 10, e0138489.	2.5	22
48	Using quantile regression to examine the effects of inequality across the mortality distribution in the U.S. counties. <i>Social Science and Medicine</i> , 2012, 74, 1900-1910.	3.8	21
49	Examining the Spatially Non- Stationary Associations Between the Second Demographic Transition and Infant Mortality: A Poisson GWR Approach. <i>Spatial Demography</i> , 2013, 1, 17-40.	0.9	21
50	Geographic Accessibility Of Food Outlets Not Associated With Body Mass Index Change Among Veterans, 2009-14. <i>Health Affairs</i> , 2017, 36, 1433-1442.	5.2	21
51	Thinking About Place, Spatial Behavior, and Spatial Processes in Childhood Obesity. <i>American Journal of Preventive Medicine</i> , 2012, 42, 516-520.	3.0	20
52	Individual Health Care System Distrust and Neighborhood Social Environment: How Are They Jointly Associated with Self-rated Health?. <i>Journal of Urban Health</i> , 2011, 88, 945-958.	3.6	19
53	Confidentiality considerations for use of social-spatial data on the social determinants of health: Sexual and reproductive health case study. <i>Social Science and Medicine</i> , 2016, 166, 49-56.	3.8	19
54	Weight and Veterans'™ Environments Study (WAVES) I and II: Rationale, Methods, and Cohort Characteristics. <i>American Journal of Health Promotion</i> , 2018, 32, 779-794.	1.7	18

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55	Using ZIP code business patterns data to measure alcohol outlet density. <i>Addictive Behaviors</i> , 2011, 36, 777-780.	3.0	17
56	Geography of Adolescent Obesity in the U.S., 2007~2011. <i>American Journal of Preventive Medicine</i> , 2016, 51, 898-909.	3.0	17
57	Measuring Spatial Accessibility to Urban Facilities and Services in Tehran. <i>Spatial Demography</i> , 2018, 6, 17-34.	0.9	17
58	Gap analysis in decision support systems for real-estate in the era of the digital earth. <i>International Journal of Digital Earth</i> , 2021, 14, 121-138.	3.9	17
59	Protocol for a cross sectional study of cancer risk, environmental exposures and lifestyle behaviors in a diverse community sample: the Community of Mine study. <i>BMC Public Health</i> , 2019, 19, 186.	2.9	16
60	The Spatial Diffusion of Racial and Ethnic Diversity Across U.S. Counties. <i>Spatial Demography</i> , 2017, 5, 145-169.	0.9	15
61	Who gets what, where, and how much? Composite index of spatial inequality for small areas in Tehran. <i>Regional Science Policy and Practice</i> , 2021, 13, 191-205.	1.6	15
62	Neighborhood Walkability and BMI~Change: A National Study of Veterans in Large Urban Areas. <i>Obesity</i> , 2020, 28, 46-54.	3.0	14
63	Population Forces and Environmental Change: Observations from Western Chitwan, Nepal. <i>Society and Natural Resources</i> , 2000, 13, 763-775.	1.9	13
64	Radiation Therapy Resources and Guideline~Concordant Radiotherapy for Early~Stage Breast Cancer Patients in an Underserved Region. <i>Health Services Research</i> , 2013, 48, 1433-1449.	2.0	13
65	Adolescent Development in Context: A Decade Review of Neighborhood and Activity Space Research. <i>Journal of Research on Adolescence</i> , 2021, 31, 944-965.	3.7	13
66	Epidemiology using a GIS: The need for caution. <i>Computers, Environment and Urban Systems</i> , 1990, 14, 213-221.	7.1	12
67	White Infant Mortality in Appalachian States, 1976~1980 and 1996~2000: Changing Patterns and Persistent Disparities. <i>Journal of Rural Health</i> , 2012, 28, 174-182.	2.9	12
68	Individual, Area, and Provider Characteristics Associated With Care Received for Stages I to III Breast Cancer in a Multistate Region of Appalachia. <i>Journal of Oncology Practice</i> , 2015, 11, e9-e18.	2.5	12
69	Does the relationship between racial, ethnic, and income diversity and social capital vary across the United States? A county-level analysis using geographically weighted regression. <i>Applied Geography</i> , 2021, 130, 102446.	3.7	12
70	Geographies of women's health. <i>Geoforum</i> , 1995, 26, 239-245.	2.5	11
71	Multi-level influence of school norms on tobacco use in South Africa: an econometric consideration of group differences. <i>Cancer Causes and Control</i> , 2012, 23, 27-36.	1.8	11
72	Prostate Cancer Screening and Health Care System Distrust in Philadelphia. <i>Journal of Aging and Health</i> , 2013, 25, 737-757.	1.7	10

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73	Long-Term Weight Loss Effects of a Behavioral Weight Management Program: Does the Community Food Environment Matter?. <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 211.	2.6	10
74	From Census Tracts to Local Environments: An Egocentric Approach to Neighborhood Racial Change. <i>Spatial Demography</i> , 2019, 7, 1-26.	0.9	10
75	The geography of sentiment towards the Women's March of 2017. <i>PLoS ONE</i> , 2020, 15, e0233994.	2.5	10
76	Residential Inequality. <i>Annals of the American Academy of Political and Social Science</i> , 2015, 660, 8-16.	1.6	9
77	Predicting discordance between perceived and estimated walk and bike times among university faculty, staff, and students. <i>Transportmetrica A: Transport Science</i> , 2018, 14, 691-705.	2.0	9
78	Would increasing access to recreational places promote healthier weights and a healthier nation?. <i>Health and Place</i> , 2019, 56, 127-134.	3.3	9
79	Convergent validity of an activity-space survey for use in health research. <i>Health and Place</i> , 2019, 56, 19-23.	3.3	9
80	An Examination of Workplace Influences on Active Commuting in a Sample of University Employees. <i>Journal of Public Health Management and Practice</i> , 2016, 22, 387-391.	1.4	8
81	Looking through a different lens: Examining the inequality-mortality association in U.S. counties using spatial panel models. <i>Applied Geography</i> , 2017, 86, 139-151.	3.7	8
82	Modeling the Importance of Within- and Between-County Effects in an Ecological Study of the Association Between Social Capital and Mental Distress. <i>Preventing Chronic Disease</i> , 2019, 16, E75.	3.4	8
83	Does Effectiveness of Weight Management Programs Depend on the Food Environment?. <i>Health Services Research</i> , 2018, 53, 4268-4290.	2.0	7
84	Face Masking Violations, Policing, and COVID-19 Death Rates: A Spatial Analysis in New York City ZIP Codes. <i>Professional Geographer</i> , 2021, 73, 670-682.	1.8	7
85	Spatio-temporal epidemiology of emergency medical requests in a large urban area. A scan-statistic approach. <i>Geospatial Health</i> , 2021, 16, .	0.8	7
86	The Pan-University Network for Global Health: framework for collaboration and review of global health needs. <i>Globalization and Health</i> , 2016, 12, 13.	4.9	6
87	Multiscale Dimensions of Spatial Process: COVID-19 Fully Vaccinated Rates in U.S. Counties. <i>American Journal of Preventive Medicine</i> , 2022, 63, 954-961.	3.0	6
88	Curriculum redevelopment: medical geography and women's health. <i>Journal of Geography in Higher Education</i> , 1993, 17, 91-102.	2.6	5
89	Effects of Hospital Type and Distance on Lymph Node Assessment for Colon Cancer Among Metropolitan and Nonmetropolitan Patients in Appalachia. <i>Medical Care Research and Review</i> , 2016, 73, 546-564.	2.1	5
90	Can Social Media Anti-abuse Policies Work? A Quasi-experimental Study of Online Sexist and Racist Slurs. <i>Socius</i> , 2020, 6, 237802312094871.	2.0	5

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91	Communal Innovations: Inspiring Neighborhoods of Hope and Advocacy. <i>Journal of Health Communication</i> , 2020, 25, 444-453.	2.4	5
92	Looking Back, Looking Forward: Progress and Prospect for Spatial Demography. <i>Spatial Demography</i> , 2021, 9, 1-29.	0.9	5
93	Extending the Boundaries of Place. , 2016, , 37-56.		4
94	Stability of activity space footprint, size, and environmental features over six months. <i>Spatial and Spatio-temporal Epidemiology</i> , 2019, 30, 100287.	1.7	4
95	Exploring Heterogeneities with Geographically Weighted Quantile Regression: An Enhancement Based on the Bootstrap Approach. <i>Geographical Analysis</i> , 2020, 52, 642-661.	3.5	4
96	Women's empowerment, sociocultural contexts, and reproductive behaviour in Nepal. <i>Asia-Pacific Population Journal</i> , 2009, 24, 25-50.	0.5	4
97	Teaching medical geography. <i>Journal of Geography in Higher Education</i> , 1995, 19, 317-318.	2.6	3
98	Patterns of Care for Metastatic Colorectal Cancer in Appalachia, and the Clinical, Sociodemographic, and Service Provider Determinants. <i>Journal of Rural Health</i> , 2016, 32, 113-124.	2.9	3
99	Spatial-temporal analysis of prostate cancer incidence from the Pennsylvania Cancer Registry, 2000-2011. <i>Geospatial Health</i> , 2017, 12, 611.	0.8	3
100	Neighborhood Resources to Support Healthy Diets and Physical Activity Among US Military Veterans. <i>Preventing Chronic Disease</i> , 2017, 14, E111.	3.4	3
101	Instruction in Spatial Demography. , 2016, , 355-369.		3
102	One-year spatiotemporal database of Emergency Medical Service (EMS) calls in Mashhad, Iran: data on 224,355 EMS calls. <i>BMC Research Notes</i> , 2022, 15, 22.	1.4	3
103	Migrants' Population, Residential Segregation, and Metropolitan Spaces - Insights from the Italian Experience over the Last 20 Years. <i>Migration Letters</i> , 2022, 19, 287-301.	0.4	3
104	Gastric cancer: an epidemiological review. <i>Environmental Geochemistry and Health</i> , 1990, 12, 201-214.	3.4	2
105	An Inclusive Treadmill? Expansion of Industrial Maize Farming and Simple Commodity Producers in Turkey. <i>Rural Sociology</i> , 2019, 84, 569-590.	2.2	2
106	Methods and applications in spatial demography: 2. <i>Mathematical Population Studies</i> , 2020, 27, 1-7.	2.2	2
107	The potential contributions of geographic information science to the study of social determinants of health in Iran. <i>Journal of Education and Health Promotion</i> , 2018, 7, 17.	0.6	2
108	Connecting the Dots: Cultivating a Sustainable Interdisciplinary Discourse Around Migration, Urbanisation, and Health in Southern Africa. <i>SpringerBriefs in Public Health</i> , 2018, , 9-20.	0.2	2

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109	Theoretical workshops. <i>Journal of Geography in Higher Education</i> , 1995, 19, 333-334.	2.6	1
110	Industrial Maize as a Commodity System: Spatial Scale and Relations of Production in Turkey's Agriculture After Economic Restructuring. <i>Tijdschrift Voor Economische En Sociale Geografie</i> , 2018, 109, 629-643.	2.1	1
111	Analyzing Hospital Choices of Colon Cancer Patients in Four States in Appalachia. <i>Journal of Health Care for the Poor and Underserved</i> , 2019, 30, 587-608.	0.8	1
112	Census and Population Analysis. , 2009, , 53-75.		1
113	Theoretical workshops. <i>Journal of Geography in Higher Education</i> , 1995, 19, 330-333.	2.6	0
114	Mama Might Be Better Off Dead: The Failure of Health Care in Urban America. <i>Health and Place</i> , 1996, 2, 194.	3.3	0
115	Small Cities USA: Growth, Diversity, and Inequality. <i>Contemporary Sociology</i> , 2014, 43, 723-725.	0.0	0
116	Grocery Stores And Obesity: The Authors Reply. <i>Health Affairs</i> , 2014, 33, 907-907.	5.2	0
117	John R. Weeks, Allan G. Hill and Justin Stoler (Eds.): <i>Spatial Inequalities: Health, Poverty, and Place in Accra, Ghana</i> . <i>Spatial Demography</i> , 2015, 3, 55-57.	0.9	0
118	<i>Religion and Community in the New Urban America</i>. By Paul D. Numrich and Elfriede Wedam. New York: Oxford University Press, 2015. Pp. xviii+348. \$99.00 (cloth); \$35.00 (paper).. <i>American Journal of Sociology</i> , 2016, 122, 1000-1002.	0.5	0
119	Recapturing Spatial Approaches to Social Science Problems. , 2016, , 1-8.		0
120	Co-Editorsâ€™ Note. <i>Demography</i> , 2018, 55, 691-692.	2.5	0
121	Next Steps for Spatial Demography. <i>Spatial Demography</i> , 2019, 7, 109-112.	0.9	0
122	Methods and applications in spatial demography. <i>Mathematical Population Studies</i> , 2019, 26, 183-184.	2.2	0
123	Inferring Censored Geo-Information with Non-Representative Data. <i>Lecture Notes in Computer Science</i> , 2016, , 229-235.	1.3	0
124	Concluding Remarks: Developing Spatial Demography. , 2016, , 371-379.		0