

Frank C Curriero

List of Publications by Year in descending order

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Version: 2024-02-01

102
papers

7,264
citations

145106

33
h-index

62345

84
g-index

102
all docs

102
docs citations

102
times ranked

10952
citing authors

#	ARTICLE	IF	CITATIONS
1	Fine Particulate Air Pollution and Mortality in 20 U.S. Cities, 1987–1994. <i>New England Journal of Medicine</i> , 2000, 343, 1742-1749.	13.9	1,963
2	Temperature and Mortality in 11 Cities of the Eastern United States. <i>American Journal of Epidemiology</i> , 2002, 155, 80-87.	1.6	1,054
3	The built environment and obesity: A systematic review of the epidemiologic evidence. <i>Health and Place</i> , 2010, 16, 175-190.	1.5	678
4	Survival Following a Diagnosis of Alzheimer Disease. <i>Archives of Neurology</i> , 2002, 59, 1764.	4.9	309
5	Antibiotic-Resistant Enterococci and Fecal Indicators in Surface Water and Groundwater Impacted by a Concentrated Swine Feeding Operation. <i>Environmental Health Perspectives</i> , 2007, 115, 1040-1045.	2.8	168
6	Expression of cytochromes P450 1A1 and 1B1 in human lung from smokers, non-smokers, and ex-smokers. <i>Toxicology and Applied Pharmacology</i> , 2004, 199, 210-219.	1.3	142
7	Geographical clustering of prostate cancer grade and stage at diagnosis, before and after adjustment for risk factors. <i>International Journal of Health Geographics</i> , 2005, 4, 1.	1.2	140
8	High-Density Livestock Operations, Crop Field Application of Manure, and Risk of Community-Associated Methicillin-Resistant <i>Staphylococcus aureus</i> Infection in Pennsylvania. <i>JAMA Internal Medicine</i> , 2013, 173, 1980.	2.6	128
9	Revealing the microscale spatial signature of dengue transmission and immunity in an urban population. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 9535-9538.	3.3	126
10	Effects of Baltimore's Safe Streets Program on Gun Violence: A Replication of Chicago's CeaseFire Program. <i>Journal of Urban Health</i> , 2013, 90, 27-40.	1.8	126
11	Health Benefits from Large-Scale Ozone Reduction in the United States. <i>Environmental Health Perspectives</i> , 2012, 120, 1404-1410.	2.8	99
12	Geographic Identification of High Gonorrhea Transmission Areas in Baltimore, Maryland. <i>American Journal of Epidemiology</i> , 2005, 161, 73-80.	1.6	97
13	Livestock-associated Methicillin-Resistant <i>Staphylococcus aureus</i> in Humans, the Netherlands. <i>Emerging Infectious Diseases</i> , 2012, 18, 1841-1849.	2.0	95
14	Major and Minor League Baseball Hamstring Injuries. <i>American Journal of Sports Medicine</i> , 2014, 42, 1464-1470.	1.9	88
15	Elbow Injuries in Professional Baseball: Epidemiological Findings From the Major League Baseball Injury Surveillance System. <i>American Journal of Sports Medicine</i> , 2017, 45, 2319-2328.	1.9	80
16	Indoor air quality in inner-city schools and its associations with building characteristics and environmental factors. <i>Environmental Research</i> , 2019, 170, 83-91.	3.7	80
17	Defining Core Gonorrhea Transmission Utilizing Spatial Data. <i>American Journal of Epidemiology</i> , 2004, 160, 51-58.	1.6	73
18	Neighborhood Alcohol Outlets and the Association with Violent Crime in One Mid-Atlantic City: The Implications for Zoning Policy. <i>Journal of Urban Health</i> , 2014, 91, 62-71.	1.8	67

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19	Mixture models for quantitative HIV RNA data. <i>Statistical Methods in Medical Research</i> , 2002, 11, 317-325.	0.7	66
20	Developing and Implementing Major League Baseball's Health and Injury Tracking System. <i>American Journal of Epidemiology</i> , 2016, 183, 490-496.	1.6	60
21	The role of area-level influences on prostate cancer grade and stage at diagnosis. <i>Preventive Medicine</i> , 2004, 39, 441-448.	1.6	53
22	Associations of Distance to Trauma Care, Community Income, and Neighborhood Median Age With Rates of Injury Mortality. <i>JAMA Surgery</i> , 2018, 153, 535.	2.2	52
23	Microbial and Chemical Assessment of Regions within New Orleans, LA Impacted by Hurricane Katrina. <i>Environmental Science & Technology</i> , 2007, 41, 2401-2406.	4.6	49
24	Geographic Variations in Retention in Care among HIV-Infected Adults in the United States. <i>PLoS ONE</i> , 2016, 11, e0146119.	1.1	47
25	Canadian Forest Fires and the Effects of Long-Range Transboundary Air Pollution on Hospitalizations among the Elderly. <i>ISPRS International Journal of Geo-Information</i> , 2014, 3, 713-731.	1.4	46
26	Mild Traumatic Brain Injury in Major and Minor League Baseball Players. <i>American Journal of Sports Medicine</i> , 2015, 43, 1118-1126.	1.9	44
27	Combining Free Text and Structured Electronic Medical Record Entries to Detect Acute Respiratory Infections. <i>PLoS ONE</i> , 2010, 5, e13377.	1.1	41
28	Individual and Household Level Risk Factors Associated with Malaria in Nchelenge District, a Region with Perennial Transmission: A Serial Cross-Sectional Study from 2012 to 2015. <i>PLoS ONE</i> , 2016, 11, e0156717.	1.1	41
29	Missing Stage and Grade in Maryland Prostate Cancer Surveillance Data, 1992-1997. <i>American Journal of Preventive Medicine</i> , 2006, 30, S77-S87.	1.6	40
30	Characterizing and quantifying human movement patterns using GPS data loggers in an area approaching malaria elimination in rural southern Zambia. <i>Royal Society Open Science</i> , 2017, 4, 170046.	1.1	40
31	Quantitative assessment of viable <i>Cryptosporidium parvum</i> load in commercial oysters (<i>Crassostrea</i>) in the Chesapeake Bay. <i>Journal of Food Protection</i> , 2017, 80, 1033-1040.	0.6	39
32	Neighborhood Incivilities, Perceived Neighborhood Safety, and Walking to School Among Urban-Dwelling Children. <i>Journal of Physical Activity and Health</i> , 2011, 8, 262-271.	1.0	39
33	Outlet Type, Access to Alcohol, and Violent Crime. <i>Alcoholism: Clinical and Experimental Research</i> , 2018, 42, 2234-2245.	1.4	39
34	Predicting seasonal abundance of mosquitoes based on off-season meteorological conditions. <i>Environmental and Ecological Statistics</i> , 2008, 15, 279-291.	1.9	37
35	Feasibility of satellite image-based sampling for a health survey among urban townships of Lusaka, Zambia. <i>Tropical Medicine and International Health</i> , 2009, 14, 70-78.	1.0	36
36	Characterizing Population Dynamics of <i>Aedes sollicitans</i> (Diptera: Culicidae) Using Meteorological Data. <i>Journal of Medical Entomology</i> , 2006, 43, 393-402.	0.9	35

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37	Reduction in Malaria Incidence following Indoor Residual Spraying with Actellic 300 CS in a Setting with Pyrethroid Resistance: Mutasa District, Zimbabwe. <i>PLoS ONE</i> , 2016, 11, e0151971.	1.1	32
38	Fast-Food Restaurants, Park Access, and Insulin Resistance Among Hispanic Youth. <i>American Journal of Preventive Medicine</i> , 2014, 46, 378-387.	1.6	30
39	Estimating Indoor PM2.5 and CO Concentrations in Households in Southern Nepal: The Nepal Cookstove Intervention Trials. <i>PLoS ONE</i> , 2016, 11, e0157984.	1.1	30
40	The contextual influence of coal abandoned mine lands in communities and type 2 diabetes in Pennsylvania. <i>Health and Place</i> , 2013, 22, 115-122.	1.5	28
41	Associations Between Drug and Alcohol Use Patterns and Sexual Risk in a Sample of African American Men Who Have Sex with Men. <i>AIDS and Behavior</i> , 2016, 20, 590-599.	1.4	28
42	Can Multispectral Information Improve Remotely Sensed Estimates of Total Suspended Solids? A Statistical Study in Chesapeake Bay. <i>Remote Sensing</i> , 2018, 10, 1393.	1.8	28
43	Exploratory Spatial Analysis of Pilot Fatality Rates in General Aviation Crashes Using Geographic Information Systems. <i>American Journal of Epidemiology</i> , 2002, 155, 398-405.	1.6	27
44	Verification of retail food outlet location data from a local health department using ground-truthing and remote-sensing technology: Assessing differences by neighborhood characteristics. <i>Health and Place</i> , 2012, 18, 956-962.	1.5	27
45	Determining Particulate Matter and Black Carbon Exfiltration Estimates for Traditional Cookstove Use in Rural Nepalese Village Households. <i>Environmental Science & Technology</i> , 2015, 49, 5555-5562.	4.6	27
46	The Epidemiology and Effect of Sliding Injuries in Major and Minor League Baseball Players. <i>American Journal of Sports Medicine</i> , 2017, 45, 2372-2378.	1.9	27
47	Association of traffic air pollution and rhinitis quality of life in Peruvian children with asthma. <i>PLoS ONE</i> , 2018, 13, e0193910.	1.1	27
48	Influence of Geographic Location in Modeling Blood Pesticide Levels in a Community Surrounding a U.S. Environmental Protection Agency Superfund Site. <i>Environmental Health Perspectives</i> , 2005, 113, 1712-1716.	2.8	26
49	Social vulnerability and county stay-at-home behavior during COVID-19 stay-at-home orders, United States, April 7–April 20, 2020. <i>Annals of Epidemiology</i> , 2021, 64, 76-82.	0.9	26
50	Food Availability en Route to School and Anthropometric Change in Urban Children. <i>Journal of Urban Health</i> , 2013, 90, 653-666.	1.8	25
51	Predictive Malaria Risk and Uncertainty Mapping in Nchelenge District, Zambia: Evidence of Widespread, Persistent Risk and Implications for Targeted Interventions. <i>American Journal of Tropical Medicine and Hygiene</i> , 2015, 93, 1260-1267.	0.6	25
52	Built environment associations with adiposity parameters among overweight and obese Hispanic youth. <i>Preventive Medicine Reports</i> , 2015, 2, 406-412.	0.8	24
53	Population immunity to measles virus and the effect of HIV-1 infection after a mass measles vaccination campaign in Lusaka, Zambia: a cross-sectional survey. <i>Lancet, The</i> , 2009, 373, 1025-1032.	6.3	23
54	High-Density Livestock Production and Molecularly Characterized MRSA Infections in Pennsylvania. <i>Environmental Health Perspectives</i> , 2014, 122, 464-470.	2.8	23

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55	The spatial and temporal association of neighborhood drug markets and rates of sexually transmitted infections in an urban setting. <i>Health and Place</i> , 2013, 23, 128-137.	1.5	22
56	Using Imputation to Provide Location Information for Nongeocoded Addresses. <i>PLoS ONE</i> , 2010, 5, e8998.	1.1	21
57	An examination of places where African American men who have sex with men (MSM) use drugs/drink alcohol: A focus on social and spatial characteristics. <i>International Journal of Drug Policy</i> , 2014, 25, 591-597.	1.6	19
58	Mapping areas with concentrated risk of trauma mortality: A first step toward mitigating geographic and socioeconomic disparities in trauma. <i>Journal of Trauma and Acute Care Surgery</i> , 2018, 85, 54-61.	1.1	19
59	Neighbourhood alcohol environment and injury risk: a spatial analysis of pedestrian injury in Baltimore City. <i>Injury Prevention</i> , 2019, 25, 350-356.	1.2	19
60	A Spatiotemporal Analysis of Organ-specific Lupus Flares in Relation to Atmospheric Variables and Fine Particulate Matter Pollution. <i>Arthritis and Rheumatology</i> , 2020, 72, 1134-1142.	2.9	19
61	The Epidemiology of Hip and Groin Injuries in Professional Baseball Players. <i>American Journal of Orthopedics</i> , 2016, 45, 168-75.	0.7	18
62	RE: "ON THE USE OF GENERALIZED ADDITIVE MODELS IN TIME-SERIES STUDIES OF AIR POLLUTION AND HEALTH" AND "TEMPERATURE AND MORTALITY IN 11 CITIES OF THE EASTERN UNITED STATES". <i>American Journal of Epidemiology</i> , 2003, 158, 93-94.	1.6	17
63	Associations between alteration in plant phenology and hay fever prevalence among US adults: Implication for changing climate. <i>PLoS ONE</i> , 2019, 14, e0212010.	1.1	17
64	A systematic review of post-harvest interventions for <i>Vibrio parahaemolyticus</i> in raw oysters. <i>Science of the Total Environment</i> , 2020, 745, 140795.	3.9	17
65	Evaluation of remotely sensed prediction and forecast models for <i>Vibrio parahaemolyticus</i> in the Chesapeake Bay. <i>Remote Sensing of Environment</i> , 2020, 250, 112016.	4.6	16
66	Association between ozone and emergency department visits: an ecological study. <i>International Journal of Environmental Health Research</i> , 2011, 21, 201-221.	1.3	15
67	Novel Methods for Environmental Assessment of Pedestrian Injury: Creation and Validation of the Inventory for Pedestrian Safety Infrastructure. <i>Journal of Urban Health</i> , 2018, 95, 208-221.	1.8	15
68	Black, white, or green? The effects of racial composition and socioeconomic status on neighborhood-level tobacco outlet density. <i>Ethnicity and Health</i> , 2021, 26, 1012-1027.	1.5	15
69	Geostatistics and GIS: Tools for Characterizing Environmental Contamination. <i>Journal of Medical Systems</i> , 2004, 28, 335-348.	2.2	14
70	Neighborhood and Network Characteristics and the HIV Care Continuum among Gay, Bisexual, and Other Men Who Have Sex with Men. <i>Journal of Urban Health</i> , 2020, 97, 592-608.	1.8	14
71	Exploring Walking Path Quality as a Factor for Urban Elementary School Children's Active Transport to School. <i>Journal of Physical Activity and Health</i> , 2013, 10, 323-334.	1.0	12
72	A case-control analysis of traceback investigations for <i>Vibrio parahaemolyticus</i> infections (vibriosis) and pre-harvest environmental conditions in Washington State, 2013-2018. <i>Science of the Total Environment</i> , 2021, 752, 141650.	3.9	12

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73	Comparing the accuracy of food outlet datasets in an urban environment. <i>Geospatial Health</i> , 2017, 12, 546.	0.3	11
74	Associations among neighborhood greenspace, neighborhood violence, and children's asthma control in an urban city. <i>Annals of Allergy, Asthma and Immunology</i> , 2019, 123, 608-610.	0.5	11
75	A statistical evaluation of non-ergodic variogram estimators. <i>Environmental and Ecological Statistics</i> , 2002, 9, 89-110.	1.9	10
76	Just in the wrong place?: Geographic tools for occupational injury/illness surveillance. <i>American Journal of Industrial Medicine</i> , 2008, 51, 680-690.	1.0	10
77	Associations of Environmental Conditions and <i>Vibrio parahaemolyticus</i> Genetic Markers in Washington State Pacific Oysters. <i>Frontiers in Microbiology</i> , 2019, 10, 2797.	1.5	10
78	Gastrocnemius Injuries in Professional Baseball Players: An Epidemiological Study. <i>American Journal of Sports Medicine</i> , 2020, 48, 2489-2498.	1.9	10
79	High-Resolution <i>Plasmodium falciparum</i> Malaria Risk Mapping in Mutasa District, Zimbabwe: Implications for Regaining Control. <i>American Journal of Tropical Medicine and Hygiene</i> , 2016, 95, 141-147.	0.6	9
80	Methods for Evaluating the Association Between Alcohol Outlet Density and Violent Crime. <i>Alcoholism: Clinical and Experimental Research</i> , 2019, 43, 1714-1726.	1.4	9
81	Epidemiology of acromioclavicular joint injuries in professional baseball: analysis from the Major League Baseball Health and Injury Tracking System. <i>Journal of Shoulder and Elbow Surgery</i> , 2021, 30, 127-133.	1.2	9
82	Highlighting Uncertainty and Recommendations for Improvement of Black Carbon Biomass Fuel-Based Emission Inventories in the Indo-Gangetic Plain Region. <i>Current Environmental Health Reports</i> , 2016, 3, 73-80.	3.2	8
83	Characterizing the spatial relationship between smoking status and tobacco retail exposure: Implications for policy development and evaluation. <i>Health and Place</i> , 2021, 68, 102530.	1.5	8
84	Factors Associated With Non-compliance of Asbestos Occupational Standards in Brake Repair Workers. <i>Annals of Occupational Hygiene</i> , 2016, 60, 1020-1035.	1.9	6
85	Does Tobacco Outlet Inequality Extend to High-White Mid-Atlantic Jurisdictions? A Study of Socioeconomic Status and Density. <i>Journal of Racial and Ethnic Health Disparities</i> , 2019, 6, 409-418.	1.8	6
86	Evaluating the Community Health Legacy of WWI Chemical Weapons Testing. <i>Journal of Community Health</i> , 2010, 35, 93-103.	1.9	4
87	Spatial and temporal changes in household structure locations using high-resolution satellite imagery for population assessment: an analysis in southern Zambia, 2006-2011. <i>Geospatial Health</i> , 2016, 11, 410.	0.3	4
88	Characterizing Particulate Matter Exfiltration Estimates for Alternative Cookstoves in a Village-Like Household in Rural Nepal. <i>Environmental Management</i> , 2017, 60, 797-808.	1.2	4
89	Returning to our roots: The use of geospatial data for nurse-led community research. <i>Research in Nursing and Health</i> , 2019, 42, 467-475.	0.8	4
90	Operationalizing the Population Health Framework: Clinical Characteristics, Social Context, and the Built Environment. <i>Population Health Management</i> , 2021, 24, 454-462.	0.8	4

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91	Survival curve estimation with partial non-random exposure information. <i>Statistics in Medicine</i> , 2002, 21, 2671-2683.	0.8	3
92	Preventing Concussions From Foul Tips and Backswings in Professional Baseball. <i>Clinical Journal of Sport Medicine</i> , 2018, Publish Ahead of Print, e1-e7.	0.9	3
93	Analysis of Non-Game Injuries in Major League Baseball. <i>Orthopaedic Journal of Sports Medicine</i> , 2019, 7, 232596711988849.	0.8	3
94	Time Out of Play Due to Illness in Major and Minor League Baseball. <i>Clinical Journal of Sport Medicine</i> , 2021, 31, e137-e143.	0.9	3
95	The co-occurrence of smoking and alcohol use disorder in a hospital-based population: Applying a multimorbidity framework using geographic information system methods. <i>Addictive Behaviors</i> , 2021, 118, 106883.	1.7	3
96	Examining Batting Performance After a Sports-Related Concussion Among Major League Baseball Position Players. <i>American Journal of Sports Medicine</i> , 2021, 49, 790-797.	1.9	3
97	The Lyme and Tickborne Disease Dashboard: A map-based resource to promote public health awareness and research collaboration. <i>PLoS ONE</i> , 2021, 16, e0260122.	1.1	3
98	Livestock Density as Risk Factor for Livestock-associated Methicillin-Resistant <i>Staphylococcus aureus</i> , the Netherlands. <i>Emerging Infectious Diseases</i> , 2013, 19, 1552-1552.	2.0	2
99	Characterizing clusters of gentrification in metro Atlanta, 2000 to 2016. <i>Applied Geography</i> , 2021, 137, 102597.	1.7	2
100	Fracture Epidemiology in Professional Baseball From 2011 to 2017. <i>Orthopaedic Journal of Sports Medicine</i> , 2020, 8, 232596712094316.	0.8	1
101	Aggregated spatial intensity as a method for estimating point-level exposures within area-level units: The case of tobacco retailer exposure in census tracts. <i>Spatial and Spatio-temporal Epidemiology</i> , 2022, 41, 100482.	0.9	0
102	Food Desert Status of Family Child Care Homes: Relationship to Young Children's Food Quality. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 6393.	1.2	0