Frank C Curriero

List of Publications by Year
in descending order

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	Aggregated spatial intensity as a method for estimating point-level exposures within area-level units: The case of tobacco retailer exposure in census tracts. Spatial and Spatio-temporal Epidemiology, 2022, 41, 100482.	0.9	0
2	Food Desert Status of Family Child Care Homes: Relationship to Young Childrenâ€™s Food Quality. International Journal of Environmental Research and Public Health, 2022, 19, 6393.	1.2	0
3	Black, white, or green? The effects of racial composition and socioeconomic status on neighborhood-level tobacco outlet density. Ethnicity and Health, 2021, 26, 1012-1027.	1.5	15
4	Epidemiology of acromioclavicular joint injuries in professional baseball: analysis from the Major League Baseball Health and Injury Tracking System. Journal of Shoulder and Elbow Surgery, 2021, 30, 127-133.	1.2	9
5	A case-control analysis of traceback investigations for Vibrio parahaemolyticus infections (vibriosis) and pre-harvest environmental conditions in Washington State, 2013â€“2018. Science of the Total Environment, 2021, 752, 141650.	3.9	12
6	Time Out of Play Due to Illness in Major and Minor League Baseball. Clinical Journal of Sport Medicine, 2021, 31, e137-e143.	0.9	3
7	Characterizing the spatial relationship between smoking status and tobacco retail exposure: Implications for policy development and evaluation. Health and Place, 2021, 68, 102530.	1.5	8
8	The co-occurrence of smoking and alcohol use disorder in a hospital-based population: Applying a multimorbidity framework using geographic information system methods. Addictive Behaviors, 2021, 118, 106883.	1.7	3
9	Operationalizing the Population Health Framework: Clinical Characteristics, Social Context, and the Built Environment. Population Health Management, 2021, 24, 454-462.	0.8	4
10	Social vulnerability and county stay-at-home behavior during COVID-19 stay-at-home orders, United States, April 7â€“April 20, 2020. Annals of Epidemiology, 2021, 64, 76-82.	0.9	26
11	Examining Batting Performance After a Sports-Related Concussion Among Major League Baseball Position Players. American Journal of Sports Medicine, 2021, 49, 790-797.	1.9	3
12	The Lyme and Tickborne Disease Dashboard: A map-based resource to promote public health awareness and research collaboration. PLoS ONE, 2021, 16, e0260122.	1.1	3
13	Characterizing clusters of gentrification in metro Atlanta, 2000 to 2016. Applied Geography, 2021, 137, 102597.	1.7	2
14	Neighborhood and Network Characteristics and the HIV Care Continuum among Gay, Bisexual, and Other Men Who Have Sex with Men. Journal of Urban Health, 2020, 97, 592-608.	1.8	14
15	Evaluation of remotely sensed prediction and forecast models for Vibrio parahaemolyticus in the Chesapeake Bay. Remote Sensing of Environment, 2020, 250, 112016.	4.6	16
16	Fracture Epidemiology in Professional Baseball From 2011 to 2017. Orthopaedic Journal of Sports Medicine, 2020, 8, 232596712094316.	0.8	1
17	A systematic review of post-harvest interventions for Vibrio parahaemolyticus in raw oysters. Science of the Total Environment, 2020, 745, 140795.	3.9	17
18	Gastrocnemius Injuries in Professional Baseball Players: An Epidemiological Study. American Journal of Sports Medicine, 2020, 48, 2489-2498.	1.9	10

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19	A Spatiotemporal Analysis of Organâ€Specific Lupus Flares in Relation to Atmospheric Variables and Fine Particulate Matter Pollution. Arthritis and Rheumatology, 2020, 72, 1134-1142.	2.9	19
20	Associations between alteration in plant phenology and hay fever prevalence among US adults: Implication for changing climate. PLoS ONE, 2019, 14, e0212010.	1.1	17
21	Returning to our roots: The use of geospatial data for nurseâ€led community research. Research in Nursing and Health, 2019, 42, 467-475.	0.8	4
22	Methods for Evaluating the Association Between Alcohol Outlet Density and Violent Crime. Alcoholism: Clinical and Experimental Research, 2019, 43, 1714-1726.	1.4	9
23	Associations among neighborhood greenspace, neighborhood violence, and childrenâ€™s asthma control in an urban city. Annals of Allergy, Asthma and Immunology, 2019, 123, 608-610.	0.5	11
24	Associations of Environmental Conditions and Vibrio parahaemolyticus Genetic Markers in Washington State Pacific Oysters. Frontiers in Microbiology, 2019, 10, 2797.	1.5	10
25	Analysis of Non-Game Injuries in Major League Baseball. Orthopaedic Journal of Sports Medicine, 2019, 7, 232596711988849.	0.8	3
26	Does Tobacco Outlet Inequality Extend to High-White Mid-Atlantic Jurisdictions? A Study of Socioeconomic Status and Density. Journal of Racial and Ethnic Health Disparities, 2019, 6, 409-418.	1.8	6
27	Indoor air quality in inner-city schools and its associations with building characteristics and environmental factors. Environmental Research, 2019, 170, 83-91.	3.7	80
28	Neighbourhood alcohol environment and injury risk: a spatial analysis of pedestrian injury in Baltimore City. Injury Prevention, 2019, 25, 350-356.	1.2	19
29	Novel Methods for Environmental Assessment of Pedestrian Injury: Creation and Validation of the Inventory for Pedestrian Safety Infrastructure. Journal of Urban Health, 2018, 95, 208-221.	1.8	15
30	Associations of Distance to Trauma Care, Community Income, and Neighborhood Median Age With Rates of Injury Mortality. JAMA Surgery, 2018, 153, 535.	2.2	52
31	Mapping areas with concentrated risk of trauma mortality: A first step toward mitigating geographic and socioeconomic disparities in trauma. Journal of Trauma and Acute Care Surgery, 2018, 85, 54-61.	1.1	19
32	Preventing Concussions From Foul Tips and Backswings in Professional Baseball. Clinical Journal of Sport Medicine, 2018, Publish Ahead of Print, e1-e7.	0.9	3
33	Can Multispectral Information Improve Remotely Sensed Estimates of Total Suspended Solids? A Statistical Study in Chesapeake Bay. Remote Sensing, 2018, 10, 1393.	1.8	28
34	Outlet Type, Access to Alcohol, and Violent Crime. Alcoholism: Clinical and Experimental Research, 2018, 42, 2234-2245.	1.4	39
35	Association of traffic air pollution and rhinitis quality of life in Peruvian children with asthma. PLoS ONE, 2018, 13, e0193910.	1.1	27
36	The Epidemiology and Effect of Sliding Injuries in Major and Minor League Baseball Players. American Journal of Sports Medicine, 2017, 45, 2372-2378.	1.9	27

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37	Elbow Injuries in Professional Baseball: Epidemiological Findings From the Major League Baseball Injury Surveillance System. American Journal of Sports Medicine, 2017, 45, 2319-2328.	1.9	80
38	Characterizing Particulate Matter Exfiltration Estimates for Alternative Cookstoves in a Village-Like Household in Rural Nepal. Environmental Management, 2017, 60, 797-808.	1.2	4
39	Characterizing and quantifying human movement patterns using GPS data loggers in an area approaching malaria elimination in rural southern Zambia. Royal Society Open Science, 2017, 4, 170046.	1.1	40
40	Comparing the accuracy of food outlet datasets in an urban environment. Geospatial Health, 2017, 12, 546.	0.3	11
41	Spatial and temporal changes in household structure locations using high-resolution satellite imagery for population assessment: an analysis in southern Zambia, 2006-2011. Geospatial Health, 2016, 11, 410.	0.3	4
42	Estimating Indoor PM2.5 and CO Concentrations in Households in Southern Nepal: The Nepal Cookstove Intervention Trials. PLoS ONE, 2016, 11, e0157984.	1.1	30
43	High-Resolution Plasmodium falciparum Malaria Risk Mapping in Mutasa District, Zimbabwe: Implications for Regaining Control. American Journal of Tropical Medicine and Hygiene, 2016, 95, 141-147.	0.6	9
44	Developing and Implementing Major League Baseball's Health and Injury Tracking System. American Journal of Epidemiology, 2016, 183, 490-496.	1.6	60
45	Factors Associated With Non-compliance of Asbestos Occupational Standards in Brake Repair Workers. Annals of Occupational Hygiene, 2016, 60, 1020-1035.	1.9	6
46	Highlighting Uncertainty and Recommendations for Improvement of Black Carbon Biomass Fuel-Based Emission Inventories in the Indo-Gangetic Plain Region. Current Environmental Health Reports, 2016, 3, 73-80.	3.2	8
47	Associations Between Drug and Alcohol Use Patterns and Sexual Risk in a Sample of African American Men Who Have Sex with Men. AIDS and Behavior, 2016, 20, 590-599.	1.4	28
48	Geographic Variations in Retention in Care among HIV-Infected Adults in the United States. PLoS ONE, 2016, 11, e0146119.	1.1	47
49	Reduction in Malaria Incidence following Indoor Residual Spraying with Actellic 300 CS in a Setting with Pyrethroid Resistance: Mutasa District, Zimbabwe. PLoS ONE, 2016, 11, e0151971.	1.1	32
50	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. PLoS ONE, 2016, 11, e0156717.	1.1	41
51	The Epidemiology of Hip and Groin Injuries in Professional Baseball Players. American Journal of Orthopedics, 2016, 45, 168-75.	0.7	18
52	Built environment associations with adiposity parameters among overweight and obese Hispanic youth. Preventive Medicine Reports, 2015, 2, 406-412.	0.8	24
53	Mild Traumatic Brain Injury in Major and Minor League Baseball Players. American Journal of Sports Medicine, 2015, 43, 1118-1126.	1.9	44
54	Determining Particulate Matter and Black Carbon Exfiltration Estimates for Traditional Cookstove Use in Rural Nepalese Village Households. Environmental Science & Technology, 2015, 49, 5555-5562.	4.6	27

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55	Predictive Malaria Risk and Uncertainty Mapping in Nchelenge District, Zambia: Evidence of Widespread, Persistent Risk and Implications for Targeted Interventions. American Journal of Tropical Medicine and Hygiene, 2015, 93, 1260-1267.	0.6	25
56	Canadian Forest Fires and the Effects of Long-Range Transboundary Air Pollution on Hospitalizations among the Elderly. ISPRS International Journal of Geo-Information, 2014, 3, 713-731.	1.4	46
57	High-Density Livestock Production and Molecularly Characterized MRSA Infections in Pennsylvania. Environmental Health Perspectives, 2014, 122, 464-470.	2.8	23
58	Major and Minor League Baseball Hamstring Injuries. American Journal of Sports Medicine, 2014, 42, 1464-1470.	1.9	88
59	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. International Journal of Drug Policy, 2014, 25, 591-597.	1.6	19
60	Neighborhood Alcohol Outlets and the Association with Violent Crime in One Mid-Atlantic City: The Implications for Zoning Policy. Journal of Urban Health, 2014, 91, 62-71.	1.8	67
61	Fast-Food Restaurants, Park Access, and Insulin Resistance Among Hispanic Youth. American Journal of Preventive Medicine, 2014, 46, 378-387.	1.6	30
62	Food Availability en Route to School and Anthropometric Change in Urban Children. Journal of Urban Health, 2013, 90, 653-666.	1.8	25
63	Effects of Baltimoreâ€™s Safe Streets Program on Gun Violence: A Replication of Chicagoâ€™s CeaseFire Program. Journal of Urban Health, 2013, 90, 27-40.	1.8	126
64	The contextual influence of coal abandoned mine lands in communities and type 2 diabetes in Pennsylvania. Health and Place, 2013, 22, 115-122.	1.5	28
65	The spatial and temporal association of neighborhood drug markets and rates of sexually transmitted infections in an urban setting. Health and Place, 2013, 23, 128-137.	1.5	22
66	Livestock Density as Risk Factor for Livestock-associated Methicillin-ResistantStaphylococcus aureus, the Netherlands. Emerging Infectious Diseases, 2013, 19, 1552-1552.	2.0	2
67	High-Density Livestock Operations, Crop Field Application of Manure, and Risk of Community-Associated Methicillin-ResistantStaphylococcus aureusInfection in Pennsylvania. JAMA Internal Medicine, 2013, 173, 1980.	2.6	128
68	Exploring Walking Path Quality as a Factor for Urban Elementary School Childrenâ€™s Active Transport to School. Journal of Physical Activity and Health, 2013, 10, 323-334.	1.0	12
69	Health Benefits from Large-Scale Ozone Reduction in the United States. Environmental Health Perspectives, 2012, 120, 1404-1410.	2.8	99
70	Revealing the microscale spatial signature of dengue transmission and immunity in an urban population. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 9535-9538.	3.3	126
71	Verification of retail food outlet location data from a local health department using ground-truthing and remote-sensing technology: Assessing differences by neighborhood characteristics. Health and Place, 2012, 18, 956-962.	1.5	27
72	Livestock-associated Methicillin-ResistantStaphylococcus aureusin Humans, the Netherlands. Emerging Infectious Diseases, 2012, 18, 1841-1849.	2.0	95

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73	Association between ozone and emergency department visits: an ecological study. International Journal of Environmental Health Research, 2011, 21, 201-221.	1.3	15
74	Neighborhood Incivilities, Perceived Neighborhood Safety, and Walking to School Among Urban-Dwelling Children. Journal of Physical Activity and Health, 2011, 8, 262-271.	1.0	39
75	Evaluating the Community Health Legacy of WWI Chemical Weapons Testing. Journal of Community Health, 2010, 35, 93-103.	1.9	4
76	The built environment and obesity: A systematic review of the epidemiologic evidence. Health and Place, 2010, 16, 175-190.	1.5	678
77	Combining Free Text and Structured Electronic Medical Record Entries to Detect Acute Respiratory Infections. PLoS ONE, 2010, 5, e13377.	1.1	41
78	Using Imputation to Provide Location Information for Nongeocoded Addresses. PLoS ONE, 2010, 5, e8998.	1.1	21
79	Feasibility of satellite image-based sampling for a health survey among urban townships of Lusaka, Zambia. Tropical Medicine and International Health, 2009, 14, 70-78.	1.0	36
80	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. Lancet, The, 2009, 373, 1025-1032.	6.3	23
81	Predicting seasonal abundance of mosquitoes based on off-season meteorological conditions. Environmental and Ecological Statistics, 2008, 15, 279-291.	1.9	37
82	Just in the wrong placeâ€¦?: Geographic tools for occupational injury/illness surveillance. American Journal of Industrial Medicine, 2008, 51, 680-690.	1.0	10
83	Microbial and Chemical Assessment of Regions within New Orleans, LA Impacted by Hurricane Katrina. Environmental Science & Technology, 2007, 41, 2401-2406.	4.6	49
84	Antibiotic-Resistant Enterococci and Fecal Indicators in Surface Water and Groundwater Impacted by a Concentrated Swine Feeding Operation. Environmental Health Perspectives, 2007, 115, 1040-1045.	2.8	168
85	Quantitative assessment of viable Cryptosporidium parvum load in commercial oysters (Crassostrea) Tj ETQq1 1 0.784314 rgBT /Over	0.6	39
86	Missing Stage and Grade in Maryland Prostate Cancer Surveillance Data, 1992â€“1997. American Journal of Preventive Medicine, 2006, 30, S77-S87.	1.6	40
87	Characterizing Population Dynamics of <I>Aedes sollicitans</I> (Diptera: Culicidae) Using Meteorological Data. Journal of Medical Entomology, 2006, 43, 393-402.	0.9	35
88	Geographical clustering of prostate cancer grade and stage at diagnosis, before and after adjustment for risk factors. International Journal of Health Geographics, 2005, 4, 1.	1.2	140
89	Influence of Geographic Location in Modeling Blood Pesticide Levels in a Community Surrounding a U.S. Environmental Protection Agency Superfund Site. Environmental Health Perspectives, 2005, 113, 1712-1716.	2.8	26
90	Geographic Identification of High Gonorrhea Transmission Areas in Baltimore, Maryland. American Journal of Epidemiology, 2005, 161, 73-80.	1.6	97

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91	Defining Core Gonorrhea Transmission Utilizing Spatial Data. American Journal of Epidemiology, 2004, 160, 51-58.	1.6	73
92	Expression of cytochromes P450 1A1 and 1B1 in human lung from smokers, non-smokers, and ex-smokers. Toxicology and Applied Pharmacology, 2004, 199, 210-219.	1.3	142
93	Geostatistics and GIS: Tools for Characterizing Environmental Contamination. Journal of Medical Systems, 2004, 28, 335-348.	2.2	14
94	The role of area-level influences on prostate cancer grade and stage at diagnosis. Preventive Medicine, 2004, 39, 441-448.	1.6	53
95	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". American Journal of Epidemiology, 2003, 158, 93-94.	1.6	17
96	Mixture models for quantitative HIV RNA data. Statistical Methods in Medical Research, 2002, 11, 317-325.	0.7	66
97	Temperature and Mortality in 11 Cities of the Eastern United States. American Journal of Epidemiology, 2002, 155, 80-87.	1.6	1,054
98	Survival Following a Diagnosis of Alzheimer Disease. Archives of Neurology, 2002, 59, 1764.	4.9	309
99	Exploratory Spatial Analysis of Pilot Fatality Rates in General Aviation Crashes Using Geographic Information Systems. American Journal of Epidemiology, 2002, 155, 398-405.	1.6	27
100	Survival curve estimation with partial non-random exposure information. Statistics in Medicine, 2002, 21, 2671-2683.	0.8	3
101	A statistical evaluation of non-ergodic variogram estimators. Environmental and Ecological Statistics, 2002, 9, 89-110.	1.9	10
102	Fine Particulate Air Pollution and Mortality in 20 U.S. Cities, 1987â€“1994. New England Journal of Medicine, 2000, 343, 1742-1749.	13.9	1,963