

# Ayaz Hyder

## List of Publications by Year in descending order

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33  
papers

1,184  
citations

759190

12  
h-index

454934

30  
g-index

34  
all docs

34  
docs citations

34  
times ranked

1621  
citing authors

#	ARTICLE	IF	CITATIONS
1	Design and Implementation of a Workshop for Evaluation of the Role of Power in Shaping and Solving Challenges in a Smart Foodshed. <i>Sustainability</i> , 2022, 14, 2642.	3.2	1
2	A Bayesian Spatiotemporal Nowcasting Model for Public Health Decision-Making and Surveillance. <i>American Journal of Epidemiology</i> , 2022, , .	3.4	3
3	Understanding the role of urban social and physical environment in opioid overdose events using found geospatial data. <i>Health and Place</i> , 2022, 75, 102792.	3.3	12
4	Response to “COVID-19 economic impact payments and opioid overdose deaths” <i>International Journal of Drug Policy</i> , 2022, , 103713.	3.3	0
5	Big Geospatial Data or Geospatial Big Data? A Systematic Narrative Review on the Use of Spatial Data Infrastructures for Big Geospatial Sensing Data in Public Health. <i>Remote Sensing</i> , 2022, 14, 2996.	4.0	4
6	Economic Evaluation in Opioid Modeling: Systematic Review. <i>Value in Health</i> , 2021, 24, 158-173.	0.3	14
7	Low Birth Weight and Preterm Birth Among Arab-American Women in Ohio. <i>Maternal and Child Health Journal</i> , 2021, 25, 574-583.	1.5	5
8	Opioid Treatment Deserts: Concept development and application in a US Midwestern urban county. <i>PLoS ONE</i> , 2021, 16, e0250324.	2.5	18
9	COVID-19 Surveillance for Local Decision Making. <i>Public Health Reports</i> , 2021, 136, 403-412.	2.5	6
10	A Systematic Review of Simulation Models to Track and Address the Opioid Crisis. <i>Epidemiologic Reviews</i> , 2021, 43, 147-165.	3.5	6
11	Toward Smart Foodsheds: Using Stakeholder Engagement to Improve Informatics Frameworks for Regional Food Systems. <i>Annals of the American Association of Geographers</i> , 2020, 110, 535-546.	2.2	7
12	Health economic design for cost, cost-effectiveness and simulation analyses in the HEALing Communities Study. <i>Drug and Alcohol Dependence</i> , 2020, 217, 108336.	3.2	8
13	Explaining Racial Inequality in Food Security in Columbus, Ohio: A Blinder “Oaxaca Decomposition Analysis. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 5488.	2.6	9
14	311 service requests as indicators of neighborhood distress and opioid use disorder. <i>Scientific Reports</i> , 2020, 10, 19579.	3.3	15
15	The HEALing (Helping to End Addiction Long-term SM) Communities Study: Protocol for a cluster randomized trial at the community level to reduce opioid overdose deaths through implementation of an integrated set of evidence-based practices. <i>Drug and Alcohol Dependence</i> , 2020, 217, 108335.	3.2	50
16	Inpatient mortality in transition-aged youth with rheumatic disease: an analysis of the National Inpatient Sample. <i>Pediatric Rheumatology</i> , 2020, 18, 27.	2.1	0
17	Translational data analytics in exposure science and environmental health: a citizen science approach with high school students. <i>Environmental Health</i> , 2020, 19, 73.	4.0	4
18	Teaching systems science to public health professionals. <i>Public Health</i> , 2020, 181, 119-121.	2.9	1

#	ARTICLE	IF	CITATIONS
19	Examining disparities in food accessibility among households in Columbus, Ohio: an agent-based model. <i>Food Security</i> , 2019, 11, 317-331.	5.3	12
20	Designing an Agent-Based Model Using Group Model Building: Application to Food Insecurity Patterns in a U.S. Midwestern Metropolitan City. <i>Journal of Urban Health</i> , 2018, 95, 278-289.	3.6	7
21	Public Funding for Genomics and the Return on Investment: A Public Health Perspective. <i>Perspectives in Biology and Medicine</i> , 2018, 61, 572-583.	0.5	3
22	The Evidence Base for Social Determinants of Health as Risk Factors for Infant Mortality: A Systematic Scoping Review. <i>Journal of Health Care for the Poor and Underserved</i> , 2018, 29, 1188-1208.	0.8	35
23	Group Model Building Techniques for Rapid Elicitation of Parameter Values, Effect Sizes, and Data Sources. <i>System Dynamics Review</i> , 2017, 33, 71-84.	1.9	14
24	Toward Standardizing a Lexicon of Infectious Disease Modeling Terms. <i>Frontiers in Public Health</i> , 2016, 4, 213.	2.7	19
25	Integrating air pollution exposure in a mechanistic agent-based model of asthma: Model development and application to childhood asthma outcomes. <i>ISEE Conference Abstracts</i> , 2016, 2016, .	0.0	0
26	Surveillance in Patients With Barrett's Esophagus for Early Detection of Esophageal Adenocarcinoma: A Systematic Review and Meta-Analysis. <i>Clinical and Translational Gastroenterology</i> , 2015, 6, e131.	2.5	30
27	Social deprivation and burden of influenza: Testing hypotheses and gaining insights from a simulation model for the spread of influenza. <i>Epidemics</i> , 2015, 11, 71-79.	3.0	8
28	PM2.5 Exposure and Birth Outcomes. <i>Epidemiology</i> , 2014, 25, 58-67.	2.7	132
29	Predictive Validation of an Influenza Spread Model. <i>PLoS ONE</i> , 2013, 8, e65459.	2.5	20
30	Acute kidney injury is an independent risk factor for pediatric intensive care unit mortality, longer length of stay and prolonged mechanical ventilation in critically ill children: a two-center retrospective cohort study. <i>Critical Care</i> , 2011, 15, R146.	5.8	294
31	Acute kidney injury in non-critically ill children treated with aminoglycoside antibiotics in a tertiary healthcare centre: a retrospective cohort study. <i>Nephrology Dialysis Transplantation</i> , 2011, 26, 144-150.	0.7	144
32	A small post-operative rise in serum creatinine predicts acute kidney injury in children undergoing cardiac surgery. <i>Kidney International</i> , 2009, 76, 885-892.	5.2	280
33	Integrating Data, Biology, and Decision Models for Invasive Species Management: Application to Leafy Spurge ( <i>Euphorbia esula</i> ). <i>Ecology and Society</i> , 2008, 13, .	2.3	23