

Joan A Casey

List of Publications by Year in descending order

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Version: 2024-02-01

86
papers

3,039
citations

218677

26
h-index

182427

51
g-index

88
all docs

88
docs citations

88
times ranked

3546
citing authors

#	ARTICLE	IF	CITATIONS
1	Using Electronic Health Records for Population Health Research: A Review of Methods and Applications. <i>Annual Review of Public Health</i> , 2016, 37, 61-81.	17.4	368
2	Associations between historical residential redlining and current age-adjusted rates of emergency department visits due to asthma across eight cities in California: an ecological study. <i>Lancet Planetary Health</i> , The, 2020, 4, e24-e31.	11.4	208
3	Redlines and Greenspace: The Relationship between Historical Redlining and 2010 Greenspace across the United States. <i>Environmental Health Perspectives</i> , 2021, 129, 17006.	6.0	165
4	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.	5.1	128
5	Unconventional Natural Gas Development and Birth Outcomes in Pennsylvania, USA. <i>Epidemiology</i> , 2015, 27, 1.	2.7	128
6	Association Between Unconventional Natural Gas Development in the Marcellus Shale and Asthma Exacerbations. <i>JAMA Internal Medicine</i> , 2016, 176, 1334.	5.1	114
7	Association of Preterm Births Among US Latina Women With the 2016 Presidential Election. <i>JAMA Network Open</i> , 2019, 2, e197084.	5.9	112
8	Association of Outdoor Artificial Light at Night With Mental Disorders and Sleep Patterns Among US Adolescents. <i>JAMA Psychiatry</i> , 2020, 77, 1266.	11.0	105
9	Race, Ethnicity, Income Concentration and 10-Year Change in Urban Greenness in the United States. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 1546.	2.6	93
10	Associations between historical redlining and birth outcomes from 2006 through 2015 in California. <i>PLoS ONE</i> , 2020, 15, e0237241.	2.5	92
11	Greenness and Birth Outcomes in a Range of Pennsylvania Communities. <i>International Journal of Environmental Research and Public Health</i> , 2016, 13, 311.	2.6	88
12	Measures of SES for Electronic Health Record-based Research. <i>American Journal of Preventive Medicine</i> , 2018, 54, 430-439.	3.0	88
13	Associations between Unconventional Natural Gas Development and Nasal and Sinus, Migraine Headache, and Fatigue Symptoms in Pennsylvania. <i>Environmental Health Perspectives</i> , 2017, 125, 189-197.	6.0	79
14	The centrality of social ties to climate migration and mental health. <i>BMC Public Health</i> , 2017, 17, 600.	2.9	75
15	Industrial Food Animal Production and Community Health. <i>Current Environmental Health Reports</i> , 2015, 2, 259-271.	6.7	74
16	Retirements of Coal and Oil Power Plants in California: Association With Reduced Preterm Birth Among Populations Nearby. <i>American Journal of Epidemiology</i> , 2018, 187, 1586-1594.	3.4	74
17	The association of COVID-19 infection in pregnancy with preterm birth: A retrospective cohort study in California. <i>The Lancet Regional Health Americas</i> , 2021, 2, 100027.	2.6	63
18	Residential Proximity to Oil and Gas Development and Birth Outcomes in California: A Retrospective Cohort Study of 2006–2015 Births. <i>Environmental Health Perspectives</i> , 2020, 128, 67001.	6.0	49

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19	Predictors of Indoor Radon Concentrations in Pennsylvania, 1989–2013. <i>Environmental Health Perspectives</i> , 2015, 123, 1130-1137.	6.0	47
20	Power Outages and Community Health: a Narrative Review. <i>Current Environmental Health Reports</i> , 2020, 7, 371-383.	6.7	46
21	Educational note: addressing special cases of bias that frequently occur in perinatal epidemiology. <i>International Journal of Epidemiology</i> , 2021, 50, 337-345.	1.9	46
22	Associations of unconventional natural gas development with depression symptoms and disordered sleep in Pennsylvania. <i>Scientific Reports</i> , 2018, 8, 11375.	3.3	43
23	A Review of the Effectiveness of Current US Policies on Antimicrobial Use in Meat and Poultry Production. <i>Current Environmental Health Reports</i> , 2022, 9, 339-354.	6.7	40
24	Environmental noise and sleep and mental health outcomes in a nationally representative sample of urban US adolescents. <i>Environmental Epidemiology</i> , 2019, 3, e056.	3.0	35
25	Outpatient Urinary Tract Infections in an Era of Virtual Healthcare: Trends From 2008 to 2017. <i>Clinical Infectious Diseases</i> , 2020, 71, 100-108.	5.8	29
26	Changes in preterm birth and caesarean deliveries in the United States during the SARS-CoV-2 pandemic. <i>Paediatric and Perinatal Epidemiology</i> , 2022, 36, 485-489.	1.7	28
27	A framework for siting and dispatch of emerging energy resources to realize environmental and health benefits: Case study on peaker power plant displacement. <i>Energy Policy</i> , 2016, 96, 302-313.	8.8	27
28	Unconventional natural gas development and adverse birth outcomes in Pennsylvania: The potential mediating role of antenatal anxiety and depression. <i>Environmental Research</i> , 2019, 177, 108598.	7.5	27
29	Improved asthma outcomes observed in the vicinity of coal power plant retirement, retrofit and conversion to natural gas. <i>Nature Energy</i> , 2020, 5, 398-408.	39.5	27
30	Exposure Assessment Using Secondary Data Sources in Unconventional Natural Gas Development and Health Studies. <i>Environmental Science & Technology</i> , 2018, 52, 6061-6069.	10.0	26
31	High-Density Livestock Production and Molecularly Characterized MRSA Infections in Pennsylvania. <i>Environmental Health Perspectives</i> , 2014, 122, 464-470.	6.0	23
32	Historic redlining and the siting of oil and gas wells in the United States. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2023, 33, 76-83.	3.9	23
33	Association between Oklahoma earthquakes and anxiety-related Google search episodes. <i>Environmental Epidemiology</i> , 2018, 2, e016.	3.0	21
34	Proximity to Industrial Food Animal Production and Asthma Exacerbations in Pennsylvania, 2005–2012. <i>International Journal of Environmental Research and Public Health</i> , 2017, 14, 362.	2.6	20
35	Resilient Power: A home-based electricity generation and storage solution for the medically vulnerable during climate-induced power outages. <i>Futures</i> , 2021, 128, 102707.	2.5	20
36	Relationship between Residential Segregation, Later-Life Cognition, and Incident Dementia across Race/Ethnicity. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 11233.	2.6	20

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37	High-density poultry operations and community-acquired pneumonia in Pennsylvania. <i>Environmental Epidemiology</i> , 2018, 2, e013.	3.0	18
38	Petro-risksapes and environmental distress in West Texas: Community perceptions of environmental degradation, threats, and loss. <i>Energy Research and Social Science</i> , 2020, 70, 101798.	6.4	17
39	Residential proximity to hydraulically fractured oil and gas wells and adverse birth outcomes in urban and rural communities in California (2006–2015). <i>Environmental Epidemiology</i> , 2021, 5, e172.	3.0	16
40	The Authors Respond. <i>Epidemiology</i> , 2016, 27, e37-e38.	2.7	15
41	Residential proximity to high-density poultry operations associated with campylobacteriosis and infectious diarrhea. <i>International Journal of Hygiene and Environmental Health</i> , 2018, 221, 323-333.	4.3	15
42	Comparisons of simple and complex methods for quantifying exposure to individual point source air pollution emissions. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2021, 31, 654-663.	3.9	15
43	Hyperlocalized Measures of Air Pollution and Preeclampsia in Oakland, California. <i>Environmental Science & Technology</i> , 2021, 55, 14710-14719.	10.0	15
44	Environmental hazards, social inequality, and fetal loss: Implications of live-birth bias for estimation of disparities in birth outcomes. <i>Environmental Epidemiology</i> , 2021, 5, e131.	3.0	14
45	Separating the Bruce and Trivers–Willard effects in theory and in human data. <i>American Journal of Human Biology</i> , 2018, 30, e23074.	1.6	13
46	Prenatal exposure to air pollution and intergenerational economic mobility: Evidence from U.S. county birth cohorts. <i>Social Science and Medicine</i> , 2018, 217, 92-96.	3.8	13
47	Increase in fertility following coal and oil power plant retirements in California. <i>Environmental Health</i> , 2018, 17, 44.	4.0	13
48	Increased motor vehicle crashes following induced earthquakes in Oklahoma, USA. <i>Science of the Total Environment</i> , 2019, 650, 2974-2979.	8.0	13
49	Neighborhood disadvantage and dementia incidence in a cohort of Asian American and non-Latino White older adults in Northern California. <i>Alzheimer's and Dementia</i> , 2023, 19, 296-306.	0.8	13
50	Trends from 2008 to 2018 in Electricity-dependent Durable Medical Equipment Rentals and Sociodemographic Disparities. <i>Epidemiology</i> , 2021, 32, 327-335.	2.7	12
51	Anomalously warm weather and acute care visits in patients with multiple sclerosis: A retrospective study of privately insured individuals in the US. <i>PLoS Medicine</i> , 2021, 18, e1003580.	8.4	12
52	Assessing Exposure to Unconventional Oil and Gas Development: Strengths, Challenges, and Implications for Epidemiologic Research. <i>Current Environmental Health Reports</i> , 2022, 9, 436-450.	6.7	12
53	A Warning About Using Predicted Values From Regression Models for Epidemiologic Inquiry. <i>American Journal of Epidemiology</i> , 2021, 190, 1142-1147.	3.4	11
54	The 2016 presidential election and perivable births among Latina women. <i>Early Human Development</i> , 2020, 151, 105203.	1.8	10

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55	Association between county-level coal-fired power plant pollution and racial disparities in preterm births from 2000 to 2018. <i>Environmental Research Letters</i> , 2021, 16, 034055.	5.2	10
56	Air pollution, methane super-emitters, and oil and gas wells in Northern California: the relationship with migraine headache prevalence and exacerbation. <i>Environmental Health</i> , 2021, 20, 45.	4.0	10
57	Hyper-localized measures of air pollution and risk of preterm birth in Oakland and San Jose, California. <i>International Journal of Epidemiology</i> , 2022, 50, 1875-1885.	1.9	10
58	Climate Justice and California's Methane Superemitters: Environmental Equity Assessment of Community Proximity and Exposure Intensity. <i>Environmental Science & Technology</i> , 2021, 55, 14746-14757.	10.0	10
59	Sociodemographic Inequalities in Urinary Tract Infection in 2 Large California Health Systems. <i>Open Forum Infectious Diseases</i> , 2021, 8, ofab276.	0.9	9
60	Twinning during the pandemic. <i>Evolution, Medicine and Public Health</i> , 2021, 9, 374-382.	2.5	9
61	Ambient temperature and risk of urinary tract infection in California: A time-stratified case-crossover study using electronic health records. <i>Environment International</i> , 2022, 165, 107303.	10.0	9
62	A test of oscillation in the human secondary sex ratio. <i>Evolution, Medicine and Public Health</i> , 2020, 2020, 225-233.	2.5	8
63	Racial/Ethnic Disparities in Nationwide PM2.5 Concentrations: Perils of Assuming a Linear Relationship. <i>Environmental Health Perspectives</i> , 2022, 130, .	6.0	8
64	Coal-fired power plant closures and retrofits reduce asthma morbidity in the local population. <i>Nature Energy</i> , 2020, 5, 365-366.	39.5	7
65	Non-COVID-19 deaths after social distancing in Norway. <i>European Journal of Epidemiology</i> , 2020, 35, 1021-1024.	5.7	6
66	Inequalities in elevated depressive symptoms in middle-aged and older adults by rural childhood residence: The important role of education. <i>International Journal of Geriatric Psychiatry</i> , 2019, 34, 1633-1641.	2.7	5
67	Wildfire particulate matter in Shasta County, California and respiratory and circulatory disease-related emergency department visits and mortality, 2013-2018. <i>Environmental Epidemiology</i> , 2021, 5, e124.	3.0	5
68	Exposure to the early COVID-19 pandemic and early, moderate and overall preterm births in the United States : A conception cohort approach. <i>Paediatric and Perinatal Epidemiology</i> , 0, , .	1.7	5
69	Applying the hierarchy of controls to oil and gas development. <i>Environmental Research Letters</i> , 2022, 17, 071003.	5.2	5
70	Sun Smoke in Sweden. <i>Epidemiology</i> , 2019, 30, 330-333.	2.7	4
71	Understanding periviable birth: A microeconomic alternative to the dysregulation narrative. <i>Social Science and Medicine</i> , 2019, 233, 281-284.	3.8	4
72	Stillbirths and live births in the periviable period. <i>Annals of Epidemiology</i> , 2020, 49, 8-12.	1.9	4

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73	Air Monitoring Stations Far Removed From Drilling Activities Do Not Represent Residential Exposures to Marcellus Shale Air Pollutants. Response to the Paper by Hess et al. on Proximity-Based Unconventional Natural Gas Exposure Metrics. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 504.	2.6	3
74	Stillbirth as left truncation for early neonatal death in California, 1989–2015: a time-series study. <i>BMC Pregnancy and Childbirth</i> , 2021, 21, 478.	2.4	3
75	Identifying Livestock-Associated Methicillin-Resistant <i>Staphylococcus Aureus</i> in the United States—Reply. <i>JAMA Internal Medicine</i> , 2014, 174, 825.	5.1	2
76	Connor et al. systematic review regarding animal feeding operations and public health: critical flaws may compromise conclusions. <i>Systematic Reviews</i> , 2017, 6, 179.	5.3	2
77	African American Unemployment and the Disparity in Periviable Births. <i>Journal of Racial and Ethnic Health Disparities</i> , 2022, 9, 840-848.	3.2	2
78	Reproductive suppression and longevity in human birth cohorts. <i>American Journal of Human Biology</i> , 2020, 32, e23353.	1.6	0
79	Climate justice and California's methane super-emitters: An environmental equity assessment of community proximity and exposure intensity. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
80	Association between county-level coal-fired power plant pollution and racial disparities in preterm births from 2000 to 2018. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
81	The role of long-term air pollution for COVID-19 infection and severity during pregnancy. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
82	Scientist Civic Engagement and the US 2020 Fine Particulate Matter Standards. <i>ISEE Conference Abstracts</i> , 2021, 2021, .	0.0	0
83	Electronic Health Records for Population Health Research in Rural Communities. <i>ISEE Conference Abstracts</i> , 2018, 2018, .	0.0	0
84	Associations between historical redlining and birth outcomes from 2006 through 2015 in California. , 2020, 15, e0237241.		0
85	Associations between historical redlining and birth outcomes from 2006 through 2015 in California. , 2020, 15, e0237241.		0
86	Associations between historical redlining and birth outcomes from 2006 through 2015 in California. , 2020, 15, e0237241.		0