

S C Anenberg

List of Publications by Year in descending order

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Version: 2024-02-01

72
papers

7,084
citations

117625

34
h-index

118850

62
g-index

86
all docs

86
docs citations

86
times ranked

8693
citing authors

#	ARTICLE	IF	CITATIONS
1	Simultaneously Mitigating Near-Term Climate Change and Improving Human Health and Food Security. <i>Science</i> , 2012, 335, 183-189.	12.6	1,107
2	An Estimate of the Global Burden of Anthropogenic Ozone and Fine Particulate Matter on Premature Human Mortality Using Atmospheric Modeling. <i>Environmental Health Perspectives</i> , 2010, 118, 1189-1195.	6.0	604
3	Co-benefits of mitigating global greenhouse gas emissions for future air quality and human health. <i>Nature Climate Change</i> , 2013, 3, 885-889.	18.8	505
4	Impacts and mitigation of excess diesel-related NO _x emissions in 11 major vehicle markets. <i>Nature</i> , 2017, 545, 467-471.	27.8	487
5	Estimating the National Public Health Burden Associated with Exposure to Ambient PM _{2.5} and Ozone. <i>Risk Analysis</i> , 2012, 32, 81-95.	2.7	472
6	Global premature mortality due to anthropogenic outdoor air pollution and the contribution of past climate change. <i>Environmental Research Letters</i> , 2013, 8, 034005.	5.2	381
7	Global Air Quality and Health Co-benefits of Mitigating Near-Term Climate Change through Methane and Black Carbon Emission Controls. <i>Environmental Health Perspectives</i> , 2012, 120, 831-839.	6.0	340
8	Global, national, and urban burdens of paediatric asthma incidence attributable to ambient NO ₂ pollution: estimates from global datasets. <i>Lancet Planetary Health</i> , The, 2019, 3, e166-e178.	11.4	260
9	Estimates of the Global Burden of Ambient PM _{2.5} , Ozone, and NO ₂ on Asthma Incidence and Emergency Room Visits. <i>Environmental Health Perspectives</i> , 2018, 126, 107004.	6.0	209
10	Updated Global Estimates of Respiratory Mortality in Adults ≥30 Years of Age Attributable to Long-Term Ozone Exposure. <i>Environmental Health Perspectives</i> , 2017, 125, 087021.	6.0	195
11	Future Fire Impacts on Smoke Concentrations, Visibility, and Health in the Contiguous United States. <i>GeoHealth</i> , 2018, 2, 229-247.	4.0	176
12	Cleaner Cooking Solutions to Achieve Health, Climate, and Economic Cobenefits. <i>Environmental Science & Technology</i> , 2013, 47, 3944-3952.	10.0	160
13	Global urban temporal trends in fine particulate matter (PM _{2.5}) and attributable health burdens: estimates from global datasets. <i>Lancet Planetary Health</i> , The, 2022, 6, e139-e146.	11.4	159
14	Climate, health, agricultural and economic impacts of tighter vehicle-emission standards. <i>Nature Climate Change</i> , 2011, 1, 59-66.	18.8	153
15	Disentangling the Impact of the COVID-19 Lockdowns on Urban NO ₂ From Natural Variability. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL089269.	4.0	144
16	Local Arctic Air Pollution: A Neglected but Serious Problem. <i>Earth's Future</i> , 2018, 6, 1385-1412.	6.3	96
17	Long-term trends in urban NO ₂ concentrations and associated paediatric asthma incidence: estimates from global datasets. <i>Lancet Planetary Health</i> , The, 2022, 6, e49-e58.	11.4	95
18	Particulate matter-attributable mortality and relationships with carbon dioxide in 250 urban areas worldwide. <i>Scientific Reports</i> , 2019, 9, 11552.	3.3	89

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19	Synergistic health effects of air pollution, temperature, and pollen exposure: a systematic review of epidemiological evidence. <i>Environmental Health</i> , 2020, 19, 130.	4.0	86
20	The geographic distribution and economic value of climate change-related ozone health impacts in the United States in 2030. <i>Journal of the Air and Waste Management Association</i> , 2015, 65, 570-580.	1.9	85
21	Impacts of global, regional, and sectoral black carbon emission reductions on surface air quality and human mortality. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 7253-7267.	4.9	80
22	The global burden of transportation tailpipe emissions on air pollution-related mortality in 2010 and 2015. <i>Environmental Research Letters</i> , 2019, 14, 094012.	5.2	74
23	Improving and Expanding Estimates of the Global Burden of Disease Due to Environmental Health Risk Factors. <i>Environmental Health Perspectives</i> , 2019, 127, 105001.	6.0	73
24	Survey of Ambient Air Pollution Health Risk Assessment Tools. <i>Risk Analysis</i> , 2016, 36, 1718-1736.	2.7	66
25	Drought-sensitivity of fine dust in the US Southwest: Implications for air quality and public health under future climate change. <i>Environmental Research Letters</i> , 2018, 13, 054025.	5.2	66
26	TROPOMI NO ₂ in the United States: A Detailed Look at the Annual Averages, Weekly Cycles, Effects of Temperature, and Correlation With Surface NO ₂ Concentrations. <i>Earth's Future</i> , 2021, 9, e2020EF001665.	6.3	66
27	Impacts of intercontinental transport of anthropogenic fine particulate matter on human mortality. <i>Air Quality, Atmosphere and Health</i> , 2014, 7, 369-379.	3.3	64
28	Effects of Increasing Aridity on Ambient Dust and Public Health in the U.S. Southwest Under Climate Change. <i>GeoHealth</i> , 2019, 3, 127-144.	4.0	56
29	COVID-19 pandemic reveals persistent disparities in nitrogen dioxide pollution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	47
30	Impacts of oak pollen on allergic asthma in the United States and potential influence of future climate change. <i>GeoHealth</i> , 2017, 1, 80-92.	4.0	42
31	Societal shifts due to COVID-19 reveal large-scale complexities and feedbacks between atmospheric chemistry and climate change. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	42
32	Guidelines for Modeling and Reporting Health Effects of Climate Change Mitigation Actions. <i>Environmental Health Perspectives</i> , 2020, 128, 115001.	6.0	40
33	Assessing the Distribution of Air Pollution Health Risks within Cities: A Neighborhood-Scale Analysis Leveraging High-Resolution Data Sets in the Bay Area, California. <i>Environmental Health Perspectives</i> , 2021, 129, 37006.	6.0	40
34	Estimates of ozone concentrations and attributable mortality in urban, peri-urban and rural areas worldwide in 2019. <i>Environmental Research Letters</i> , 2022, 17, 054023.	5.2	38
35	Estimating PM _{2.5} -related premature mortality and morbidity associated with future wildfire emissions in the western US. <i>Environmental Research Letters</i> , 2021, 16, 035019.	5.2	34
36	Estimates of Present and Future Asthma Emergency Department Visits Associated With Exposure to Oak, Birch, and Grass Pollen in the United States. <i>GeoHealth</i> , 2019, 3, 11-27.	4.0	33

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37	Valuing the Ozone-Related Health Benefits of Methane Emission Controls. <i>Environmental and Resource Economics</i> , 2017, 66, 45-63.	3.2	31
38	Development of the Low Emissions Analysis Platform “Integrated Benefits Calculator (LEAP-IBC) tool to assess air quality and climate co-benefits: Application for Bangladesh. <i>Environment International</i> , 2020, 145, 106155.	10.0	30
39	Estimating Intra-Urban Inequities in PM _{2.5} -Attributable Health Impacts: A Case Study for Washington, DC. <i>GeoHealth</i> , 2021, 5, e2021GH000431.	4.0	28
40	Health and Clinical Impacts of Air Pollution and Linkages with Climate Change. , 2022, 1, .		26
41	Using Satellites to Track Indicators of Global Air Pollution and Climate Change Impacts: Lessons Learned From a NASA-Supported Science-Stakeholder Collaborative. <i>GeoHealth</i> , 2020, 4, e2020GH000270.	4.0	25
42	Satellite Monitoring for Air Quality and Health. <i>Annual Review of Biomedical Data Science</i> , 2021, 4, 417-447.	6.5	25
43	Air pollution-related health and climate benefits of clean cookstove programs in Mozambique. <i>Environmental Research Letters</i> , 2017, 12, 025006.	5.2	24
44	New Approaches to Identifying and Reducing the Global Burden of Disease From Pollution. <i>GeoHealth</i> , 2020, 4, e2018GH000167.	4.0	24
45	Urban NO _x emissions around the world declined faster than anticipated between 2005 and 2019. <i>Environmental Research Letters</i> , 2021, 16, 115004.	5.2	17
46	Extreme Weather, Chemical Facilities, and Vulnerable Communities in the U.S. Gulf Coast: A Disastrous Combination. <i>GeoHealth</i> , 2019, 3, 122-126.	4.0	15
47	Integrated assessment of global climate, air pollution, and dietary, malnutrition and obesity health impacts of food production and consumption between 2014 and 2018. <i>Environmental Research Communications</i> , 2021, 3, 075001.	2.3	15
48	Sources of ambient PM _{2.5} exposure in 96 global cities. <i>Atmospheric Environment</i> , 2022, 286, 119234.	4.1	15
49	Sensitivity of estimated NO ₂ -attributable pediatric asthma incidence to grid resolution and urbanicity. <i>Environmental Research Letters</i> , 2021, 16, 014019.	5.2	14
50	Global Health Impacts for Economic Models of Climate Change: A Systematic Review and Meta-Analysis. <i>Annals of the American Thoracic Society</i> , 2022, 19, 1203-1212.	3.2	14
51	Cobenefits of global and domestic greenhouse gas emissions for air quality and human health. <i>Lancet, The</i> , 2017, 389, S23.	13.7	13
52	Clean stoves benefit climate and health. <i>Nature</i> , 2012, 490, 343-343.	27.8	12
53	Outside in: the relationship between indoor and outdoor particulate air quality during wildfire smoke events in western US cities. , 2023, 1, 015003.		11
54	Quantifying the Health Benefits of Urban Climate Mitigation Actions: Current State of the Epidemiological Evidence and Application in Health Impact Assessments. <i>Frontiers in Sustainable Cities</i> , 2021, 3, .	2.4	10

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55	The Global Burden of Air Pollution on Mortality: Anenberg et al. Respond. Environmental Health Perspectives, 2011, 119, 158-159.	6.0	9
56	Toward a Resilient Global Society: Air, Sea Level, Earthquakes, and Weather. Earth's Future, 2019, 7, 854-864.	6.3	7
57	Eighteen years of recommendations to prevent industrial chemical incidents: results and lessons learned of the US Chemical Safety Board. Public Health, 2016, 139, 183-188.	2.9	6
58	Shaping the Future of Science: COVID-19 Highlighting the Importance of GeoHealth. GeoHealth, 2021, 5, e2021GH000412.	4.0	5
59	Impacts of oak pollen on allergic asthma in the USA and potential effect of future climate change: a modelling analysis. Lancet, The, 2017, 389, S2.	13.7	4
60	Enhanced Integration of Health, Climate, and Air Quality Management Planning at the Urban Scale. Frontiers in Sustainable Cities, 0, 4, .	2.4	3
61	Response to Cox Letter: "Miscommunicating Risk, Uncertainty, and Causation: Fine Particulate Air Pollution and Mortality Risk as an Example". Risk Analysis, 2012, 32, 768-770.	2.7	2
62	Letter in Response to Fraas & Lutter Article: "Uncertain Benefits Estimates for Reductions in Fine Particle Concentrations". Risk Analysis, 2013, 33, 755-756.	2.7	2
63	Diesel passenger vehicle shares influenced COVID-19 changes in urban nitrogen dioxide pollution. Environmental Research Letters, 2022, 17, 074010.	5.2	2
64	The Global Burden of Air Pollution on Mortality: Anenberg et al. respond. Environmental Health Perspectives, 2010, 118, .	6.0	1
65	Environmental, Health, and Equity Co-benefits in Urban Climate Action Plans: A Descriptive Analysis for 27 C40 Member Cities. Frontiers in Sustainable Cities, 2022, 4, .	2.4	1
66	P-306. Epidemiology, 2012, 23, 1.	2.7	0
67	Thank You to Our 2018 Peer Reviewers. GeoHealth, 2019, 3, 82-83.	4.0	0
68	Thank You to Our 2019 Peer Reviewers. GeoHealth, 2020, 4, e2020GH000250.	4.0	0
69	Thank You to Our 2020 Peer Reviewers. GeoHealth, 2021, 5, e2021GH000404.	4.0	0
70	Nature and Well-Being: Estimating the Effects of Exposure to Green Space on Health Disparities across Washington, DC. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
71	Estimates of Ozone-Attributable Burden of Disease in Urban Areas Worldwide. ISEE Conference Abstracts, 2020, 2020, .	0.0	0
72	Thank You to Our 2021 Peer Reviewers. GeoHealth, 2022, 6, e2022GH000639.	4.0	0