J Jason West

List of Publications by Year
in descending order

82	13,124	71102 41	54911 84
papers	citations	h-index	g-index

114	114	114	16773
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Estimates of ozone concentrations and attributable mortality in urban, peri-urban and rural areas worldwide in 2019. Environmental Research Letters, 2022, 17, 054023.	5.2	38
2	Characterizing Changes in Eastern U.S. Pollution Events in a Warming World. Journal of Geophysical Research D: Atmospheres, 2022, 127, .	3.3	8
3	Short-Term Exposure to Wildfire Smoke and PM2.5 and Cognitive Performance in a Brain-Training Game: A Longitudinal Study of U.S. Adults. Environmental Health Perspectives, 2022, 130, .	6.0	31
4	Contributions of World Regions to the Global Tropospheric Ozone Burden Change From 1980 to 2010. Geophysical Research Letters, 2021, 48, .	4.0	22
5	Mapping Yearly Fine Resolution Global Surface Ozone through the Bayesian Maximum Entropy Data Fusion of Observations and Model Output for 1990â€“2017. Environmental Science & Technology, 2021, 55, 4389-4398.	10.0	47
6	A multi-analysis approach for estimating regional health impacts from the 2017 Northern California wildfires. Journal of the Air and Waste Management Association, 2021, 71, 791-814.	1.9	25
7	Limitations of WRF land surface models for simulating land use and land cover change in Sub-Saharan Africa and development of an improved model (CLM-AF v. 1.0). Geoscientific Model Development, 2021, 14, 3215-3249.	3.6	18
8	Estimating the Acute Health Impacts of Fireâ€Originated PM_{2.5} Exposure During the 2017 California Wildfires: Sensitivity to Choices of Inputs. GeoHealth, 2021, 5, e2021GH000414.	4.0	17
9	Satellite Monitoring for Air Quality and Health. Annual Review of Biomedical Data Science, 2021, 4, 417-447.	6.5	25
10	Estimating Wildfire Smoke Concentrations during the October 2017 California Fires through BME Space/Time Data Fusion of Observed, Modeled, and Satellite-Derived PM_{2.5}. Environmental Science & Technology, 2020, 54, 13439-13447.	10.0	29
11	Global burden of 87 risk factors in 204 countries and territories, 1990â€“2019: a systematic analysis for the Global Burden of Disease Study 2019. Lancet, The, 2020, 396, 1223-1249.	13.7	3,928
12	Guidelines for Modeling and Reporting Health Effects of Climate Change Mitigation Actions. Environmental Health Perspectives, 2020, 128, 115001.	6.0	40
13	Using Satellites to Track Indicators of Global Air Pollution and Climate Change Impacts: Lessons Learned From a NASAâ€Supported Scienceâ€Stakeholder Collaborative. GeoHealth, 2020, 4, e2020GH000270.	4.0	25
14	Air pollution control strategies directly limiting national health damages in the US. Nature Communications, 2020, 11, 957.	12.8	56
15	Analysis of PM2.5 concentrations under pollutant emission control strategies in the metropolitan area of SÃ£o Paulo, Brazil. Environmental Science and Pollution Research, 2019, 26, 33216-33227.	5.3	21
16	A new method (M³Fusion v1) for combining observations and multiple model output for an improved estimate of the global surface ozone distribution. Geoscientific Model Development, 2019, 12, 955-978.	3.6	23
17	State-level drivers of future fine particulate matter mortality in the United States. Environmental Research Letters, 2019, 14, 124071.	5.2	4
18	Estimating environmental co-benefits of U.S. low-carbon pathways using an integrated assessment model with state-level resolution. Applied Energy, 2018, 216, 482-493.	10.1	49

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19	The Paris Agreement saves lives in China. Lancet Planetary Health, The, 2018, 2, e147-e148.	11.4	3
20	Data Integration Model for Air Quality: A Hierarchical Approach to the Global Estimation of Exposures to Ambient Air Pollution. Journal of the Royal Statistical Society Series C: Applied Statistics, 2018, 67, 231-253.	1.0	112
21	Global, regional, and national comparative risk assessment of 84 behavioural, environmental and occupational, and metabolic risks or clusters of risks for 195 countries and territories, 1990â€“2017: a systematic analysis for the Global Burden of Disease Study 2017. Lancet, The, 2018, 392, 1923-1994.	13.7	3,269
22	Long-term trends in the ambient PM_{2.5}- and O₃-related mortality burdens in the United States under emission reductions from 1990 to 2010. Atmospheric Chemistry and Physics, 2018, 18, 15003-15016.	4.9	56
23	HTAP2 multi-model estimates of premature human mortality due to intercontinental transport of air pollution and emission sectors. Atmospheric Chemistry and Physics, 2018, 18, 10497-10520.	4.9	54
24	Assessment and economic valuation of air pollution impacts on human health over Europe and the United States as calculated by a multi-model ensemble in the framework of AQMEII3. Atmospheric Chemistry and Physics, 2018, 18, 5967-5989.	4.9	68
25	Cobenefits of global and domestic greenhouse gas emissions for air quality and human health. Lancet, The, 2017, 389, S23.	13.7	13
26	Future global mortality from changes in air pollution attributable to climate change. Nature Climate Change, 2017, 7, 647-651.	18.8	177
27	Co-benefits of global, domestic, and sectoral greenhouse gas mitigation for US air quality and human health in 2050. Environmental Research Letters, 2017, 12, 114033.	5.2	43
28	The Impact of Individual Anthropogenic Emissions Sectors on the Global Burden of Human Mortality due to Ambient Air Pollution. Environmental Health Perspectives, 2016, 124, 1776-1784.	6.0	131
29	Modeled response of ozone to electricity generation emissions in the northeastern United States using three sensitivity techniques. Journal of the Air and Waste Management Association, 2016, 66, 456-469.	1.9	2
30	Tropospheric ozone change from 1980 to 2010 dominated by equatorward redistribution ofÂemissions. Nature Geoscience, 2016, 9, 875-879.	12.9	140
31	Multiscale predictions of aviation-attributable PM2.5 for U.S. airports modeled using CMAQ with plume-in-grid and an aircraft-specific 1-D emission model. Atmospheric Environment, 2016, 147, 384-394.	4.1	36
32	The effect of future ambient air pollution on human premature mortality to 2100 using output from the ACCMIP model ensemble. Atmospheric Chemistry and Physics, 2016, 16, 9847-9862.	4.9	101
33	Co-benefits of global and regional greenhouse gas mitigation for US air quality in 2050. Atmospheric Chemistry and Physics, 2016, 16, 9533-9548.	4.9	25
34	Repeating cardiopulmonary health effects in rural North Carolina population during a second large peat wildfire. Environmental Health, 2016, 15, 12.	4.0	57
35	â€œWhat We Breathe Impacts Our Health: Improving Understanding of the Link between Air Pollution and Healthâ€• Environmental Science & Technology, 2016, 50, 4895-4904.	10.0	294
36	Estimates of non-traditional secondary organic aerosols from aircraft SVOC and IVOC emissions using CMAQ. Atmospheric Chemistry and Physics, 2015, 15, 6929-6942.	4.9	31

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37	Connecting air quality and climate change. Journal of the Air and Waste Management Association, 2015, 65, 1283-1291.	1.9	4
38	Estimating source-attributable health impacts of ambient fine particulate matter exposure: global premature mortality from surface transportation emissions in 2005. Environmental Research Letters, 2014, 9, 104009.	5.2	37
39	Air quality and radiative forcing impacts of anthropogenic volatile organic compound emissions from ten world regions. Atmospheric Chemistry and Physics, 2014, 14, 523-535.	4.9	19
40	Strategic responses to CO2 emission reduction targets drive shift in U.S. electric sector water use. Energy Strategy Reviews, 2014, 4, 16-27.	7.3	23
41	Impacts of intercontinental transport of anthropogenic fine particulate matter on human mortality. Air Quality, Atmosphere and Health, 2014, 7, 369-379.	3.3	64
42	The effect of grid resolution on estimates of the burden of ozone and fine particulate matter on premature mortality in the USA. Air Quality, Atmosphere and Health, 2013, 6, 563-573.	3.3	115
43	Equity and health impacts of aircraft emissions at the Hartsfield-Jackson Atlanta International Airport. Landscape and Urban Planning, 2013, 120, 234-247.	7.5	20
44	Global premature mortality due to anthropogenic outdoor air pollution and the contribution of past climate change. Environmental Research Letters, 2013, 8, 034005.	5.2	381
45	Co-benefits of mitigating global greenhouse gas emissions for future air quality and human health. Nature Climate Change, 2013, 3, 885-889.	18.8	505
46	A plume-in-grid approach to characterize air quality impacts of aircraft emissions at the Hartsfieldâ€“Jackson Atlanta International Airport. Atmospheric Chemistry and Physics, 2013, 13, 9285-9302.	4.9	31
47	Corrigendum to "Net radiative forcing and air quality responses to regional CO emission reductions" published in Atmos. Chem. Phys., 13, 5381â€“5399, 2013. Atmospheric Chemistry and Physics, 2013, 13, 5943-5944.	4.9	1
48	Global and regional temperature-change potentials for near-term climate forcers. Atmospheric Chemistry and Physics, 2013, 13, 2471-2485.	4.9	122
49	Net radiative forcing and air quality responses to regional CO emission reductions. Atmospheric Chemistry and Physics, 2013, 13, 5381-5399.	4.9	12
50	A multimodel assessment of the influence of regional anthropogenic emission reductions on aerosol direct radiative forcing and the role of intercontinental transport. Journal of Geophysical Research D: Atmospheres, 2013, 118, 700-720.	3.3	49
51	Global Air Quality and Health Co-benefits of Mitigating Near-Term Climate Change through Methane and Black Carbon Emission Controls. Environmental Health Perspectives, 2012, 120, 831-839.	6.0	340
52	Scenarios of methane emission reductions to 2030: abatement costs and co-benefits to ozone air quality and human mortality. Climatic Change, 2012, 114, 441-461.	3.6	21
53	The influence of ozone precursor emissions from four world regions on tropospheric composition and radiative climate forcing. Journal of Geophysical Research, 2012, 117, .	3.3	97
54	Impacts of global, regional, and sectoral black carbon emission reductions on surface air quality and human mortality. Atmospheric Chemistry and Physics, 2011, 11, 7253-7267.	4.9	80

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55	An assessment of Aviationâ€™s contribution to current and future fine particulate matter in the United States. Atmospheric Environment, 2011, 45, 3424-3433.	4.1	64
56	Economically consistent long-term scenarios for air pollutant emissions. Climatic Change, 2011, 108, 619-627.	3.6	17
57	The Global Burden of Air Pollution on Mortality: Anenberg et al. Respond. Environmental Health Perspectives, 2011, 119, 158-159.	6.0	9
58	Burden of disease attributed to anthropogenic air pollution in the United Arab Emirates: Estimates based on observed air quality data. Science of the Total Environment, 2010, 408, 5784-5793.	8.0	61
59	The Global Burden of Air Pollution on Mortality: Anenberg et al. respond. Environmental Health Perspectives, 2010, 118, .	6.0	1
60	An Estimate of the Global Burden of Anthropogenic Ozone and Fine Particulate Matter on Premature Human Mortality Using Atmospheric Modeling. Environmental Health Perspectives, 2010, 118, 1189-1195.	6.0	604
61	Intercontinental Impacts of Ozone Pollution on Human Mortality. Environmental Science & Technology, 2009, 43, 6482-6487.	10.0	126
62	Effect of regional precursor emission controls on long-range ozone transport â€“ Part 2: Steady-state changes in ozone air quality and impacts on human mortality. Atmospheric Chemistry and Physics, 2009, 9, 6095-6107.	4.9	45
63	Reactive nitrogen in Mexico City and its relation to ozone-precursor sensitivity: results from photochemical models. Atmospheric Chemistry and Physics, 2009, 9, 3477-3489.	4.9	46
64	Effect of regional precursor emission controls on long-range ozone transport â€“ Part 1: Short-term changes in ozone air quality. Atmospheric Chemistry and Physics, 2009, 9, 6077-6093.	4.9	35
65	Characterizing the tropospheric ozone response to methane emission controls and the benefits to climate and air quality. Journal of Geophysical Research, 2008, 113, .	3.3	128
66	The influence of European pollution on ozone in the Near East and northern Africa. Atmospheric Chemistry and Physics, 2008, 8, 2267-2283.	4.9	86
67	Human mortality effects of future concentrations of tropospheric ozone. Comptes Rendus - Geoscience, 2007, 339, 775-783.	1.2	73
68	Ozone air quality and radiative forcing consequences of changes in ozone precursor emissions. Geophysical Research Letters, 2007, 34, .	4.0	59
69	Developing intake fraction estimates with limited data: Comparison of methods in Mexico City. Atmospheric Environment, 2007, 41, 3672-3683.	4.1	29
70	Impact of meteorology and emissions on methane trends, 1990â€“2004. Geophysical Research Letters, 2006, 33, .	4.0	67
71	Global health benefits of mitigating ozone pollution with methane emission controls. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 3988-3993.	7.1	210
72	Modeling Inorganic Aerosols and Their Response to Changes in Precursor Concentration in Mexico City. Journal of the Air and Waste Management Association, 2005, 55, 803-815.	1.9	15

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73	Management of Tropospheric Ozone by Reducing Methane Emissions. Environmental Science & Technology, 2005, 39, 4685-4691.	10.0	73
74	REGIONAL ATMOSPHERIC POLLUTION AND TRANSBOUNDARY AIR QUALITY MANAGEMENT. Annual Review of Environment and Resources, 2005, 30, 1-37.	13.4	68
75	Measurements of VOCs in Mexico City (1992â€“2001) and evaluation of VOCs and CO in the emissions inventory. Atmospheric Environment, 2004, 38, 2523-2533.	4.1	63
76	Co-control of Urban Air Pollutants and Greenhouse Gases in Mexico City. Environmental Science & Technology, 2004, 38, 3474-3481.	10.0	45
77	Modeling ozone photochemistry and evaluation of hydrocarbon emissions in the Mexico City metropolitan area. Journal of Geophysical Research, 2004, 109, .	3.3	52
78	Air Pollution Science in the MCMA: Understanding Source-Receptor Relationships through Emissions Inventories, Measurements, and Modeling. Alliance for Global Sustainability Bookseries, 2002, , 137-212.	0.2	13
79	Storms, Investor Decisions, and the Economic Impacts of Sea Level Rise. Climatic Change, 2001, 48, 317-342.	3.6	38
80	Marginal PM₂₅: Nonlinear Aerosol Mass Response to Sulfate Reductions in the Eastern United States. Journal of the Air and Waste Management Association, 1999, 49, 1415-1424.	1.9	96
81	Marginal direct climate forcing by atmospheric aerosols. Atmospheric Environment, 1998, 32, 2531-2542.	4.1	32
82	Climate change and energy policy. Energy Policy, 1997, 25, 923-939.	8.8	14