

# Ellison Carter

## List of Publications by Year in descending order

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Version: 2024-02-01

44  
papers

1,247  
citations

394421  
19  
h-index

377865  
34  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1468  
citing authors

#	ARTICLE	IF	CITATIONS
1	An evaluation of air quality, home heating and well-being under Beijing's programme to eliminate household coal use. <i>Nature Energy</i> , 2019, 4, 416-423.	39.5	115
2	Seasonal variation in outdoor, indoor, and personal air pollution exposures of women using wood stoves in the Tibetan Plateau: Baseline assessment for an energy intervention study. <i>Environment International</i> , 2016, 94, 449-457.	10.0	108
3	Household transitions to clean energy in a multiprovincial cohort study in China. <i>Nature Sustainability</i> , 2020, 3, 42-50.	23.7	92
4	The effect of pollution on crime: Evidence from data on particulate matter and ozone. <i>Journal of Environmental Economics and Management</i> , 2019, 98, 102267.	4.7	88
5	The Regional Impacts of Cooking and Heating Emissions on Ambient Air Quality and Disease Burden in China. <i>Environmental Science &amp; Technology</i> , 2016, 50, 9416-9423.	10.0	66
6	Seasonal and Diurnal Air Pollution from Residential Cooking and Space Heating in the Eastern Tibetan Plateau. <i>Environmental Science &amp; Technology</i> , 2016, 50, 8353-8361.	10.0	65
7	Household air pollution and measures of blood pressure, arterial stiffness and central haemodynamics. <i>Heart</i> , 2018, 104, 1515-1521.	2.9	62
8	Assessing Exposure to Household Air Pollution: A Systematic Review and Pooled Analysis of Carbon Monoxide as a Surrogate Measure of Particulate Matter. <i>Environmental Health Perspectives</i> , 2017, 125, 076002.	6.0	61
9	Chemical composition and source apportionment of ambient, household, and personal exposures to PM <sub>2.5</sub> in communities using biomass stoves in rural China. <i>Science of the Total Environment</i> , 2019, 646, 309-319.	8.0	55
10	Impacts of stove use patterns and outdoor air quality on household air pollution and cardiovascular mortality in southwestern China. <i>Environment International</i> , 2018, 117, 116-124.	10.0	48
11	Acute Air Pollution Exposure and the Risk of Violent Behavior in the United States. <i>Epidemiology</i> , 2019, 30, 799-806.	2.7	44
12	The impact of cookstove operation on PM <sub>2.5</sub> and CO emissions: A comparison of laboratory and field measurements. <i>Environmental Pollution</i> , 2018, 243, 1087-1095.	7.5	39
13	Development of renewable, densified biomass for household energy in China. <i>Energy for Sustainable Development</i> , 2018, 46, 42-52.	4.5	39
14	The Oxidative Potential of Personal and Household PM <sub>2.5</sub> in a Rural Setting in Southwestern China. <i>Environmental Science &amp; Technology</i> , 2019, 53, 2788-2798.	10.0	38
15	Measuring personal exposure to fine particulate matter (PM <sub>2.5</sub> ) among rural Honduran women: A field evaluation of the Ultrasonic Personal Aerosol Sampler (UPAS). <i>Environment International</i> , 2019, 123, 50-53.	10.0	31
16	Effectiveness of a Household Energy Package in Improving Indoor Air Quality and Reducing Personal Exposures in Rural China. <i>Environmental Science &amp; Technology</i> , 2019, 53, 9306-9316.	10.0	30
17	Design and testing of a low-cost sensor and sampling platform for indoor air quality. <i>Building and Environment</i> , 2021, 206, 108398.	6.9	26
18	Differences in chemical composition of PM <sub>2.5</sub> emissions from traditional versus advanced combustion (semi-gasifier) solid fuel stoves. <i>Chemosphere</i> , 2019, 233, 852-861.	8.2	24

#	ARTICLE	IF	CITATIONS
19	A systematic review of household energy transition in low and middle income countries. <i>Energy Research and Social Science</i> , 2022, 86, 102463.	6.4	21
20	Characterization of Indoor Air Quality on a College Campus: A Pilot Study. <i>International Journal of Environmental Research and Public Health</i> , 2019, 16, 2721.	2.6	20
21	Determinants of personal exposure to PM <sub>2.5</sub> and black carbon in Chinese adults: A repeated-measures study in villages using solid fuel energy. <i>Environment International</i> , 2021, 146, 106297.	10.0	18
22	Real-time combustion rate of wood charcoal in the heating fire basin: Direct measurement and its correlation to CO emissions. <i>Environmental Pollution</i> , 2019, 245, 38-45.	7.5	16
23	Impacts of stove/fuel use and outdoor air pollution on chemical composition of household particulate matter. <i>Indoor Air</i> , 2020, 30, 294-305.	4.3	16
24	Predicting Within-City Spatial Variations in Outdoor Ultrafine Particle and Black Carbon Concentrations in Bucaramanga, Colombia: A Hybrid Approach Using Open-Source Geographic Data and Digital Images. <i>Environmental Science &amp; Technology</i> , 2021, 55, 12483-12492.	10.0	16
25	Exposure–Response Associations of Household Air Pollution and Buccal Cell Telomere Length in Women Using Biomass Stoves. <i>Environmental Health Perspectives</i> , 2019, 127, 87004.	6.0	15
26	Beyond SO <sub>x</sub> reductions from shipping: assessing the impact of NO <sub>x</sub> and carbonaceous-particle controls on human health and climate. <i>Environmental Research Letters</i> , 2020, 15, 124046.	5.2	13
27	Household Air Pollution and Blood Pressure, Vascular Damage, and Subclinical Indicators of Cardiovascular Disease in Older Chinese Adults. <i>American Journal of Hypertension</i> , 2022, 35, 121-131.	2.0	11
28	Chemical Investigation of Household Solid Fuel Use and Outdoor Air Pollution Contributions to Personal PM <sub>2.5</sub> Exposures. <i>Environmental Science &amp; Technology</i> , 2021, 55, 15969-15979.	10.0	11
29	Personal exposure to PM <sub>2.5</sub> of indoor and outdoor origin in two neighboring Chinese communities with contrasting household fuel use patterns. <i>Science of the Total Environment</i> , 2021, 800, 149421.	8.0	8
30	Estimated Aerosol Health and Radiative Effects of the Residential Coal Ban in the Beijing-Tianjin-Hebei Region of China. <i>Aerosol and Air Quality Research</i> , 2020, 20, 2332-2346.	2.1	8
31	Progress and priorities in reducing indoor air pollution in developing countries. <i>Indoor Air</i> , 2012, 22, 1-2.	4.3	7
32	Impact of COVID-19 Social Distancing Policies on Traffic Congestion, Mobility, and NO <sub>2</sub> Pollution. <i>Sustainability</i> , 2021, 13, 7275.	3.2	7
33	A High-throughput, Robotic System for Analysis of Aerosol Sampling Filters. <i>Aerosol and Air Quality Research</i> , 2021, 21, 210037.	2.1	7
34	Study protocol: The INTERMAP China Prospective (ICP) study. <i>Wellcome Open Research</i> , 0, 4, 154.	1.8	6
35	Household air pollution from solid fuel use as a dose-dependent risk factor for cognitive impairment in northern China. <i>Scientific Reports</i> , 2022, 12, 6187.	3.3	6
36	Socioeconomic and Demographic Associations with Wintertime Air Pollution Exposures at Household, Community, and District Scales in Rural Beijing, China. <i>Environmental Science &amp; Technology</i> , 2022, 56, 8308-8318.	10.0	5

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37	Study protocol: The INTERMAP China Prospective (ICP) study. Wellcome Open Research, 0, 4, 154.	1.8	4
38	A Multi-Provincial Study of Air Pollution Exposure in Rural and Peri-Urban China. ISEE Conference Abstracts, 2018, 2018, .	0.0	1
39	Editorial: Priorities in indoor environmental science and health, as students see them. Indoor Air, 2009, 19, 444-445.	4.3	0
40	Predicting Within-City Variations in Ultrafine Particle and Black Carbon Concentrations in Bucaramanga, Columbia Using Open Source Data and Images. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
41	Spatial variations in PM2.5 oxidative potential in Toronto and Montreal, Canada. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
42	The role of village spillover and stove use on wintertime outdoor PM2.5 in villages transitioning to clean heating in China. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
43	The influence of heating energy on indoor air quality and its association with socioeconomic status in rural Beijing. ISEE Conference Abstracts, 2021, 2021, .	0.0	0
44	Effects of indoor and outdoor temperatures on blood pressure and central hemodynamics in a wintertime panel of peri-urban Chinese adults. ISEE Conference Abstracts, 2021, 2021, .	0.0	0