

# Joshua P Keller

## List of Publications by Year in descending order

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Version: 2024-02-01

25  
papers

664  
citations

840585

11  
h-index

677027

22  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1048  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Unified Spatiotemporal Modeling Approach for Predicting Concentrations of Multiple Air Pollutants in the Multi-Ethnic Study of Atherosclerosis and Air Pollution. <i>Environmental Health Perspectives</i> , 2015, 123, 301-309.	2.8	146
2	Long-Term Coarse Particulate Matter Exposure Is Associated with Asthma among Children in Medicaid. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2018, 197, 737-746.	2.5	84
3	Combining Land-Use Regression and Chemical Transport Modeling in a Spatiotemporal Geostatistical Model for Ozone and PM <sub>2.5</sub> . <i>Environmental Science &amp; Technology</i> , 2016, 50, 5111-5118.	4.6	81
4	Air Pollution, Clustering of Particulate Matter Components, and Breast Cancer in the Sister Study: A U.S.-Wide Cohort. <i>Environmental Health Perspectives</i> , 2019, 127, 107002.	2.8	66
5	Air pollution, particulate matter composition and methylation-based biologic age. <i>Environment International</i> , 2019, 132, 105071.	4.8	64
6	Fine-Scale Air Pollution Models for Epidemiologic Research: Insights From Approaches Developed in the Multi-ethnic Study of Atherosclerosis and Air Pollution (MESA Air). <i>Current Environmental Health Reports</i> , 2021, 8, 113-126.	3.2	45
7	Development of long-term spatiotemporal models for ambient ozone in six metropolitan regions of the United States: The MESA Air study. <i>Atmospheric Environment</i> , 2015, 123, 79-87.	1.9	32
8	Measurement Error Correction for Predicted Spatiotemporal Air Pollution Exposures. <i>Epidemiology</i> , 2017, 28, 338-345.	1.2	24
9	Prevalence and geographic distribution of pediatric eosinophilic esophagitis in the 2012 US Medicaid population. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2020, 8, 2796-2798.e4.	2.0	20
10	Error in estimating area-level air pollution exposures for epidemiology. <i>Environmetrics</i> , 2019, 30, e2573.	0.6	15
11	Pollutant composition modification of the effect of air pollution on progression of coronary artery calcium. <i>Environmental Epidemiology</i> , 2018, 2, e024.	1.4	14
12	Selecting a Scale for Spatial Confounding Adjustment. <i>Journal of the Royal Statistical Society Series A: Statistics in Society</i> , 2020, 183, 1121-1143.	0.6	11
13	A hierarchical model for estimating the exposure-response curve by combining multiple studies of acute lower respiratory infections in children and household fine particulate matter air pollution. <i>Environmental Epidemiology</i> , 2020, 4, e119.	1.4	11
14	Study protocol for a stepped-wedge randomized cookstove intervention in rural Honduras: household air pollution and cardiometabolic health. <i>BMC Public Health</i> , 2019, 19, 903.	1.2	8
15	Impact of the wood-burning Justa cookstove on fine particulate matter exposure: A stepped-wedge randomized trial in rural Honduras. <i>Science of the Total Environment</i> , 2021, 767, 144369.	3.9	8
16	Distance to pediatric gastroenterology providers is associated with decreased diagnosis of eosinophilic esophagitis in rural populations. <i>Journal of Allergy and Clinical Immunology: in Practice</i> , 2021, 9, 4489-4492.e2.	2.0	8
17	The effect of season of birth on atopic dermatitis and food allergy. <i>Annals of Allergy, Asthma and Immunology</i> , 2020, 125, 221-223.e2.	0.5	6
18	Tracking the transmission dynamics of COVID-19 with a time-varying coefficient state-space model. <i>Statistics in Medicine</i> , 2022, 41, 2745-2767.	0.8	6

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19	A Spatiotemporal Prediction Model for Black Carbon in the Denver Metropolitan Area, 2009–2020. Environmental Science & Technology, 2021, 55, 3112-3123.	4.6	5
20	Estimating long-term average household air pollution concentrations from repeated short-term measurements in the presence of seasonal trends and crossover. Environmental Epidemiology, 2022, 6, e188.	1.4	4
21	Long-Term Ambient Air Pollution and Childhood Eczema in the United States. Environmental Health Perspectives, 2022, 130, .	2.8	3
22	Effects of household and participant characteristics on personal exposure and kitchen concentration of fine particulate matter and black carbon in rural Honduras. Environmental Research, 2022, 214, 113869.	3.7	3
23	Selecting Shrinkage Parameters for Effect Estimation. American Journal of Epidemiology, 2018, 187, 358-365.	1.6	0
24	Reply to “Do rural health disparities affect prevalence data in pediatric eosinophilic esophagitis?” Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 2551-2552.	2.0	0
25	Assessing the health estimation capacity of air pollution exposure prediction models. Environmental Health, 2022, 21, 35.	1.7	0