Joshua P Keller

List of Publications by Year
in descending order

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	Tracking the transmission dynamics of COVIDâ€19 with a timeâ€varying coefficient stateâ€space model. Statistics in Medicine, 2022, 41, 2745-2767.	0.8	6
2	Assessing the health estimation capacity of air pollution exposure prediction models. Environmental Health, 2022, 21, 35.	1.7	0
3	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
4	Long-Term Ambient Air Pollution and Childhood Eczema in the United States. Environmental Health Perspectives, 2022, 130, .	2.8	3
5	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
6	A Spatiotemporal Prediction Model for Black Carbon in the Denver Metropolitan Area, 2009â€“2020. Environmental Science & Technology, 2021, 55, 3112-3123.	4.6	5
7	Impact of the wood-burning Justa cookstove on fine particulate matter exposure: A stepped-wedge randomized trial in rural Honduras. Science of the Total Environment, 2021, 767, 144369.	3.9	8
8	Reply to â€œDo rural health disparities affect prevalence data in pediatric eosinophilic esophagitis?â€• Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 2551-2552.	2.0	0
9	Fine-Scale Air Pollution Models for Epidemiologic Research: Insights From Approaches Developed in the Multi-ethnic Study of Atherosclerosis and Air Pollution (MESA Air). Current Environmental Health Reports, 2021, 8, 113-126.	3.2	45
10	Distance to pediatric gastroenterology providers is associated with decreased diagnosis of eosinophilic esophagitis in rural populations. Journal of Allergy and Clinical Immunology: in Practice, 2021, 9, 4489-4492.e2.	2.0	8
11	Prevalence and geographic distribution of pediatric eosinophilic esophagitis in the 2012 US Medicaid population. Journal of Allergy and Clinical Immunology: in Practice, 2020, 8, 2796-2798.e4.	2.0	20
12	The effect of season of birth on atopic dermatitis and food allergy. Annals of Allergy, Asthma and Immunology, 2020, 125, 221-223.e2.	0.5	6
13	Selecting a Scale for Spatial Confounding Adjustment. Journal of the Royal Statistical Society Series A: Statistics in Society, 2020, 183, 1121-1143.	0.6	11
14	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. Environmental Epidemiology, 2020, 4, e119.	1.4	11
15	Error in estimating areaâ€level air pollution exposures for epidemiology. Environmetrics, 2019, 30, e2573.	0.6	15
16	Air pollution, particulate matter composition and methylation-based biologic age. Environment International, 2019, 132, 105071.	4.8	64
17	Study protocol for a stepped-wedge randomized cookstove intervention in rural Honduras: household air pollution and cardiometabolic health. BMC Public Health, 2019, 19, 903.	1.2	8
18	Air Pollution, Clustering of Particulate Matter Components, and Breast Cancer in the Sister Study: A U.S.-Wide Cohort. Environmental Health Perspectives, 2019, 127, 107002.	2.8	66

#	Article	IF	Citations
19	Selecting Shrinkage Parameters for Effect Estimation. American Journal of Epidemiology, 2018, 187, 358-365.	1.6	0
20	Long-Term Coarse Particulate Matter Exposure Is Associated with Asthma among Children in Medicaid. American Journal of Respiratory and Critical Care Medicine, 2018, 197, 737-746.	2.5	84
21	Pollutant composition modification of the effect of air pollution on progression of coronary artery calcium. Environmental Epidemiology, 2018, 2, e024.	1.4	14
22	Measurement Error Correction for Predicted Spatiotemporal Air Pollution Exposures. Epidemiology, 2017, 28, 338-345.	1.2	24
23	Combining Land-Use Regression and Chemical Transport Modeling in a Spatiotemporal Geostatistical Model for Ozone and PM_{2.5}. Environmental Science & Technology, 2016, 50, 5111-5118.	4.6	81
24	A Unified Spatiotemporal Modeling Approach for Predicting Concentrations of Multiple Air Pollutants in the Multi-Ethnic Study of Atherosclerosis and Air Pollution. Environmental Health Perspectives, 2015, 123, 301-309.	2.8	146
25	Development of long-term spatiotemporal models for ambient ozone in six metropolitan regions of the United States: The MESA Air study. Atmospheric Environment, 2015, 123, 79-87.	1.9	32