

Matthew J Strickland

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

43
papers

1,596
citations

18
h-index

39
g-index

49
ext. papers

1,950
ext. citations

5.6
avg, IF

4.67
L-index

#	Paper	IF	Citations
43	Acute associations between heatwaves and preterm and early-term birth in 50 US metropolitan areas: a matched case-control study. <i>Environmental Health</i> , 2021 , 20, 47	6	2
42	Using logic regression to characterize extreme heat exposures and their health associations: a time-series study of emergency department visits in Atlanta. <i>BMC Medical Research Methodology</i> , 2021 , 21, 87	4.7	2
41	Time-series analysis of daily ambient temperature and emergency department visits in five US cities with a comparison of exposure metrics derived from 1-km meteorology products. <i>Environmental Health</i> , 2021 , 20, 55	6	2
40	Prepregnancy body mass index and spina bifida: Potential contributions of bias. <i>Birth Defects Research</i> , 2021 , 113, 633-643	2.9	
39	Acute associations between PM and ozone concentrations and asthma exacerbations among patients with and without allergic comorbidities. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2020 , 30, 795-804	6.7	11
38	Use of antihistamine medications during early pregnancy and selected birth defects: The National Birth Defects Prevention Study, 1997-2011. <i>Birth Defects Research</i> , 2020 , 112, 1234-1252	2.9	4
37	Associations of wildfire smoke PM exposure with cardiorespiratory events in Colorado 2011-2014. <i>Environment International</i> , 2019 , 133, 105151	12.9	44
36	Spatiotemporal Error in Rainfall Data: Consequences for Epidemiologic Analysis of Waterborne Diseases. <i>American Journal of Epidemiology</i> , 2019 , 188, 950-959	3.8	12
35	Impact of air pollution control policies on cardiorespiratory emergency department visits, Atlanta, GA, 1999-2013. <i>Environment International</i> , 2019 , 126, 627-634	12.9	10
34	Source apportionment of primary and secondary PM: Associations with pediatric respiratory disease emergency department visits in the U.S. State of Georgia. <i>Environment International</i> , 2019 , 133, 105167	12.9	10
33	Source-Apportioned PM2.5 and Cardiorespiratory Emergency Department Visits: Accounting for Source Contribution Uncertainty. <i>Epidemiology</i> , 2019 , 30, 789-798	3.1	9
32	Associations Between Ambient Air Pollutant Concentrations and Birth Weight: A Quantile Regression Analysis. <i>Epidemiology</i> , 2019 , 30, 624-632	3.1	15
31	Age-Specific Associations of Ozone and Fine Particulate Matter with Respiratory Emergency Department Visits in the United States. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2019 , 199, 882-890	10.2	67
30	Exposure to acute air pollution and risk of bronchiolitis and otitis media for preterm and term infants. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2018 , 28, 348-357	6.7	21
29	Early-life exposure to PM and risk of acute asthma clinical encounters among children in Massachusetts: a case-crossover analysis. <i>Environmental Health</i> , 2018 , 17, 20	6	16
28	Associations of mobile source air pollution during the first year of life with childhood pneumonia, bronchiolitis, and otitis media. <i>Environmental Epidemiology</i> , 2018 , 2,	0.2	11
27	Aldehydes in Exhaled Breath during E-Cigarette Vaping: Pilot Study Results. <i>Toxics</i> , 2018 , 6,	4.7	31

26	Multiple bias analysis using logistic regression: an example from the National Birth Defects Prevention Study. <i>Annals of Epidemiology</i> , 2018 , 28, 510-514	6.4	5
25	Impacts of gestational age uncertainty in estimating associations between preterm birth and ambient air pollution. <i>Environmental Epidemiology</i> , 2018 , 2, e031	0.2	1
24	Caesarean delivery, childhood asthma, and effect modification by sex: An observational study and meta-analysis. <i>Paediatric and Perinatal Epidemiology</i> , 2018 , 32, 495-503	2.7	7
23	Recent Approaches to Estimate Associations Between Source-Specific Air Pollution and Health. <i>Current Environmental Health Reports</i> , 2017 , 4, 68-78	6.5	9
22	Estimating PM Concentrations in the Conterminous United States Using the Random Forest Approach. <i>Environmental Science & Technology</i> , 2017 , 51, 6936-6944	10.3	264
21	Measurement error in mobile source air pollution exposure estimates due to residential mobility during pregnancy. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2017 , 27, 513-520	6.7	35
20	Associations between Ambient Fine Particulate Oxidative Potential and Cardiorespiratory Emergency Department Visits. <i>Environmental Health Perspectives</i> , 2017 , 125, 107008	8.4	57
19	Chronic PM exposure and risk of infant bronchiolitis and otitis media clinical encounters. <i>International Journal of Hygiene and Environmental Health</i> , 2017 , 220, 1055-1063	6.9	10
18	The association of wildfire smoke with respiratory and cardiovascular emergency department visits in Colorado in 2012: a case crossover study. <i>Environmental Health</i> , 2016 , 15, 64	6	70
17	Method for Fusing Observational Data and Chemical Transport Model Simulations To Estimate Spatiotemporally Resolved Ambient Air Pollution. <i>Environmental Science & Technology</i> , 2016 , 50, 3695-705	10.3	74
16	Pediatric Emergency Visits and Short-Term Changes in PM _{2.5} Concentrations in the U.S. State of Georgia. <i>Environmental Health Perspectives</i> , 2016 , 124, 690-6	8.4	55
15	Evaluating early-life asthma definitions as a marker for subsequent asthma in an electronic medical record setting. <i>Pediatric Allergy and Immunology</i> , 2016 , 27, 591-6	4.2	6
14	Resource allocation for mitigating regional air pollution-related mortality: A summertime case study for five cities in the United States. <i>Journal of the Air and Waste Management Association</i> , 2016 , 66, 748-57	2.4	1
13	Contributions of regional air pollutant emissions to ozone and fine particulate matter-related mortalities in eastern U.S. urban areas. <i>Environmental Research</i> , 2015 , 137, 475-84	7.9	27
12	Effects of ambient air pollution measurement error on health effect estimates in time-series studies: a simulation-based analysis. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2015 , 25, 160-6	6.7	33
11	Exploring associations between multipollutant day types and asthma morbidity: epidemiologic applications of self-organizing map ambient air quality classifications. <i>Environmental Health</i> , 2015 , 14, 55	6	15
10	Associations between ambient air pollutant mixtures and pediatric asthma emergency department visits in three cities: a classification and regression tree approach. <i>Environmental Health</i> , 2015 , 14, 58	6	14
9	Air pollution and acute respiratory infections among children 0-4 years of age: an 18-year time-series study. <i>American Journal of Epidemiology</i> , 2014 , 180, 968-77	3.8	160

8	Modification of the effect of ambient air pollution on pediatric asthma emergency visits: susceptible subpopulations. <i>Epidemiology</i> , 2014 , 25, 843-50	3.1	37
7	Gestational age-specific associations between infantile acute bronchiolitis and asthma after age five. <i>Paediatric and Perinatal Epidemiology</i> , 2014 , 28, 521-6	2.7	2
6	Inflammatory response after neonatal cardiac surgery and its relationship to clinical outcomes. <i>Annals of Thoracic Surgery</i> , 2014 , 97, 950-6	2.7	38
5	A method to detect residual confounding in spatial and other observational studies. <i>Epidemiology</i> , 2011 , 22, 823-6	3.1	12
4	Implications of different approaches for characterizing ambient air pollutant concentrations within the urban airshed for time-series studies and health benefits analyses. <i>Environmental Health</i> , 2011 , 10, 36	6	25
3	Short-term associations between ambient air pollutants and pediatric asthma emergency department visits. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2010 , 182, 307-16	10.2	266
2	Ambient air pollution and cardiovascular malformations in Atlanta, Georgia, 1986-2003. <i>American Journal of Epidemiology</i> , 2009 , 169, 1004-14	3.8	91
1	Time-dependent recordkeeping fatigue among youth completing health diaries of unintentional injuries. <i>Journal of Safety Research</i> , 2006 , 37, 487-92	4	7