

# Alexandra Shtein

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

631  
citations

933264

10  
h-index

887953

17  
g-index

17  
all docs

17  
docs citations

17  
times ranked

896  
citing authors

#	ARTICLE	IF	CITATIONS
1	Estimation of daily PM <sub>10</sub> and PM <sub>2.5</sub> concentrations in Italy, 2013–2015, using a spatiotemporal land-use random-forest model. <i>Environment International</i> , 2019, 124, 170-179.	4.8	251
2	Estimating Daily PM <sub>2.5</sub> and PM <sub>10</sub> over Italy Using an Ensemble Model. <i>Environmental Science &amp; Technology</i> , 2020, 54, 120-128.	4.6	70
3	Predicting Fine-Scale Daily NO <sub>2</sub> for 2005–2016 Incorporating OMI Satellite Data Across Switzerland. <i>Environmental Science &amp; Technology</i> , 2019, 53, 10279-10287.	4.6	60
4	Correcting Measurement Error in Satellite Aerosol Optical Depth with Machine Learning for Modeling PM <sub>2.5</sub> in the Northeastern USA. <i>Remote Sensing</i> , 2018, 10, 803.	1.8	58
5	A Random Forest Approach to Estimate Daily Particulate Matter, Nitrogen Dioxide, and Ozone at Fine Spatial Resolution in Sweden. <i>Atmosphere</i> , 2020, 11, 239.	1.0	38
6	Estimating daily and intra-daily PM <sub>10</sub> and PM <sub>2.5</sub> in Israel using a spatio-temporal hybrid modeling approach. <i>Atmospheric Environment</i> , 2018, 191, 142-152.	1.9	34
7	Temperature and preeclampsia: Epidemiological evidence that perturbation in maternal heat homeostasis affects pregnancy outcome. <i>PLoS ONE</i> , 2020, 15, e0232877.	1.1	27
8	Estimation of Hourly near Surface Air Temperature Across Israel Using an Ensemble Model. <i>Remote Sensing</i> , 2020, 12, 1741.	1.8	13
9	Extreme temperature and out-of-hospital-cardiac-arrest. Nationwide study in a hot climate country. <i>Environmental Health</i> , 2021, 20, 38.	1.7	13
10	The effect of exposure to particulate matter during pregnancy on lower respiratory tract infection hospitalizations during first year of life. <i>Environmental Health</i> , 2020, 19, 90.	1.7	11
11	Gaussian Markov random fields improve ensemble predictions of daily 1Åkm PM <sub>2.5</sub> and PM <sub>10</sub> across France. <i>Atmospheric Environment</i> , 2021, 264, 118693.	1.9	11
12	Air Pollution and Autism Spectrum Disorder in Israel. <i>Epidemiology</i> , 2021, 32, 773-780.	1.2	9
13	An impact of air pollution on moderate to severe relapses among multiple sclerosis patients. <i>Multiple Sclerosis and Related Disorders</i> , 2021, 53, 103043.	0.9	9
14	Anthropogenic or non-anthropogenic particulate matter: Which one is more dangerous and how to differentiate between the effects?. <i>Chemosphere</i> , 2020, 240, 124954.	4.2	7
15	Novel Approaches to Air Pollution Exposure and Clinical Outcomes Assessment in Environmental Health Studies. <i>Atmosphere</i> , 2020, 11, 122.	1.0	7
16	Air pollution and meteorological conditions during gestation and type 1 diabetes in offspring. <i>Environment International</i> , 2021, 154, 106546.	4.8	7
17	Ambient air pollution and out-of-hospital cardiac arrest. Israel nation wide assessment. <i>Atmospheric Environment</i> , 2021, 261, 118567.	1.9	6