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An Ensemble Spatiotemporal Model for Predicting PM Conce

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#	Paper	IF	Citations
23	Estimates of Daily PM <sub>2.5</sub> Exposure in Beijing Using Spatio-Temporal Kriging Model. <i>Sustainability</i> , <b>2018</b> , 10, 2772	3.6	9
22	A Geostatistical Investigation into the Effective Spatiotemporal Coverage of Road Weather Information Systems in Alberta, Canada. <i>Journal of Advanced Transportation</i> , <b>2018</b> , 2018, 1-11	1.9	1
21	Data Science in Environmental Health Research. <i>Current Epidemiology Reports</i> , <b>2019</b> , 6, 291-299	2.9	4
20	Prediction of Air Pollution Concentration Based on mRMR and Echo State Network. <i>Applied Sciences (Switzerland)</i> , <b>2019</b> , 9, 1811	2.6	12
19	Improving spatial accuracy of urban growth simulation models using ensemble forecasting approaches. <i>Computers, Environment and Urban Systems</i> , <b>2019</b> , 76, 91-100	5.9	22
18	Global and Geographically and Temporally Weighted Regression Models for Modeling PM in Heilongjiang, China from 2015 to 2018. <i>International Journal of Environmental Research and Public Health</i> , <b>2019</b> , 16,	4.6	13
17	Estimating Daily PM and PM over Italy Using an Ensemble Model. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 120-128	10.3	37
16	An urban big data-based air quality index prediction: A case study of routes planning for outdoor activities in Beijing. <i>Environment and Planning B: Urban Analytics and City Science</i> , <b>2020</b> , 47, 948-963	2	3
15	The cumulative characteristics of PAEs in PM <sub>2.5</sub> in Changji, Northwest China. <i>Physical Geography</i> , <b>2020</b> , 41, 332-342	1.8	
14	Soft Computing Applications in Air Quality Modeling: Past, Present, and Future. <i>Sustainability</i> , <b>2020</b> , 12, 4045	3.6	9
13	Developing Statewide Optimal RWIS Density Guidelines Using Space-Time Semivariogram Models. <i>Journal of Sensors</i> , <b>2020</b> , 2020, 1-13	2	1
12	A Robust Deep Learning Approach for Spatiotemporal Estimation of Satellite AOD and PM <sub>2.5</sub> . <i>Remote Sensing</i> , <b>2020</b> , 12, 264	5	16
11	Filling the gaps of in situ hourly PM <sub>2.5</sub> concentration data with the aid of empirical orthogonal function analysis constrained by diurnal cycles. <i>Atmospheric Measurement Techniques</i> , <b>2020</b> , 13, 1213-1226	4	11
10	The impact of reduced visibility caused by air pollution on construal level. <i>Psychology and Marketing</i> , <b>2021</b> , 38, 129-141	3.9	7
9	Forecasting Particulate Pollution in an Urban Area: From Copernicus to Sub-Km Scale. <i>Atmosphere</i> , <b>2021</b> , 12, 881	2.7	4
8	Predicting spatiotemporally-resolved mean air temperature over Sweden from satellite data using an ensemble model. <i>Environmental Research</i> , <b>2022</b> , 204, 111960	7.9	2
7	Estimation of PM <sub>2.5</sub> concentration considering meteorological factors, policy, and interregional atmospheric transport. <i>International Journal of Environmental Science and Technology</i> , 1	3.3	

6	Deep Ensemble Machine Learning Framework for the Estimation of Concentrations.. <i>Environmental Health Perspectives</i> , <b>2022</b> , 130, 37004	8.4	○
5	Development of a Novel Road Weather Information System Location Allocation Model Considering Multiple Road Weather Variables over Space and Time. <i>Transportation Research Record</i> , 036119812210846	1.7	○
4	Prediction of Air Pollutant Concentrations via RANDOM Forest Regressor Coupled with Uncertainty Analysis: A Case Study in Ningxia. <i>Atmosphere</i> , <b>2022</b> , 13, 960	2.7	○
3	Using Machine Learning in the Prediction of the Influence of Atmospheric Parameters on Health. <b>2022</b> , 10, 3043		
2	Spatiotemporal Heterogeneity and the Key Influencing Factors of PM2.5 and PM10 in Heilongjiang, China from 2014 to 2018. <b>2022</b> , 19, 11627		1
1	Influence diagnostics in Gaussian spatial-temporal linear models with separable covariance.		○