

Yang Liu

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.

279
papers

46,567
citations

67
h-index

215
g-index

304
ext. papers

58,363
ext. citations

9.6
avg, IF

7.89
L-index

#	Paper	IF	Citations
279	Evaluating the Utility of High-Resolution Spatiotemporal Air Pollution Data in Estimating Local PM2.5 Exposures in California from 2015-2018. <i>Atmosphere</i> , 2022 , 13, 85	2.7	2
278	Child Survival and Early Lifetime Exposures to Ambient Fine Particulate Matter in India: A Retrospective Cohort Study.. <i>Environmental Health Perspectives</i> , 2022 , 130, 17009	8.4	1
277	Application of geostationary satellite and high-resolution meteorology data in estimating hourly PM2.5 levels during the Camp Fire episode in California. <i>Remote Sensing of Environment</i> , 2022 , 271, 112890	13.2	1
276	Nonlinear effect of air pollution on adult pneumonia hospital visits in the coastal city of Qingdao, China: A time-series analysis.. <i>Environmental Research</i> , 2022 , 209, 112754	7.9	3
275	Space-Based Passive Aerosol Remote Sensing from the Multi-angle Imaging SpectroRadiometer (MISR) aboard NASA's Terra Satellite 2022 , 1-14		
274	Polycyclic aromatic hydrocarbon and its effects on human health: An updated review.. <i>Chemosphere</i> , 2022 , 296, 133948	8.4	14
273	Satellite-Based Long-Term Spatiotemporal Patterns of Surface Ozone Concentrations in China: 2005-2019.. <i>Environmental Health Perspectives</i> , 2022 , 130, 27004	8.4	0
272	Investigating the impact of air pollution on AMI and COPD hospital admissions in the coastal city of Qingdao, China. <i>Frontiers of Environmental Science and Engineering</i> , 2022 , 16, 1	5.8	2
271	Predicting spatiotemporally-resolved mean air temperature over Sweden from satellite data using an ensemble model. <i>Environmental Research</i> , 2022 , 204, 111960	7.9	2
270	Decline in bulk deposition of air pollutants in China lags behind reductions in emissions. <i>Nature Geoscience</i> , 2022 , 15, 190-195	18.3	2
269	Projections of future wildfires impacts on air pollutants and air toxics in a changing climate over the western United States.. <i>Environmental Pollution</i> , 2022 , 304, 119213	9.3	0
268	Asthma exacerbation due to climate change-induced wildfire smoke in the Western US. <i>Environmental Research Letters</i> , 2022 , 17, 014023	6.2	0
267	Field Evaluation of an Automated Pollen Sensor. <i>International Journal of Environmental Research and Public Health</i> , 2022 , 19, 6444	4.6	1
266	Relationship Between Polycyclic Aromatic Hydrocarbons and Cardiovascular Diseases: A Systematic Review.. <i>Frontiers in Public Health</i> , 2021 , 9, 763706	6	3
265	A review of statistical methods used for developing large-scale and long-term PM2.5 models from satellite data. <i>Remote Sensing of Environment</i> , 2021 , 269, 112827	13.2	3
264	Projection of future wildfire emissions in western USA under climate change: contributions from changes in wildfire, fuel loading and fuel moisture. <i>International Journal of Wildland Fire</i> , 2021 ,	3.2	2
263	The association between long-term exposure to ambient fine particulate matter and glaucoma: A nation-wide epidemiological study among Chinese adults. <i>International Journal of Hygiene and Environmental Health</i> , 2021 , 238, 113858	6.9	3

262	The impacts of comprehensive urbanization on PM _{2.5} concentrations in the Yangtze River Delta, China. <i>Ecological Indicators</i> , 2021 , 132, 108337	5.8	2
261	A machine learning model to estimate ground-level ozone concentrations in California using TROPOMI data and high-resolution meteorology. <i>Environment International</i> , 2021 , 158, 106917	12.9	6
260	Long-term exposure to PM major components and mortality in the southeastern United States. <i>Environment International</i> , 2021 , 158, 106969	12.9	5
259	Estimating the Impact of COVID-19 on the PM Levels in China with a Satellite-Driven Machine Learning Model. <i>Remote Sensing</i> , 2021 , 13,	5	2
258	Pathways of China's PM air quality 2015-2060 in the context of carbon neutrality.. <i>National Science Review</i> , 2021 , 8, nwab078	10.8	26
257	Long-term exposure to ambient PM and stroke mortality among urban residents in northern China. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 213, 112063	7	6
256	Mitigating air pollution strategies based on solar chimneys. <i>Solar Energy</i> , 2021 , 218, 11-27	6.8	6
255	Characterizing outdoor infiltration and indoor contribution of PM with citizen-based low-cost monitoring data. <i>Environmental Pollution</i> , 2021 , 276, 116763	9.3	14
254	Associations of long-term exposure to air pollution with blood pressure and homocysteine among adults in Beijing, China: A cross-sectional study. <i>Environmental Research</i> , 2021 , 197, 111202	7.9	2
253	Developing indices to identify hotspots of skin cancer vulnerability among the Non-Hispanic White population in the United States. <i>Annals of Epidemiology</i> , 2021 , 59, 64-71	6.4	
252	The long-term trend of PM-related mortality in China: The effects of source data selection. <i>Chemosphere</i> , 2021 , 263, 127894	8.4	9
251	Examining PM concentrations and exposure using multiple models. <i>Environmental Research</i> , 2021 , 196, 110432	7.9	7
250	The association between ozone and years of life lost from stroke, 2013-2017: A retrospective regression analysis in 48 major Chinese cities. <i>Journal of Hazardous Materials</i> , 2021 , 405, 124220	12.8	6
249	Estimating PM concentrations in Northeastern China with full spatiotemporal coverage, 2005-2016. <i>Remote Sensing of Environment</i> , 2021 , 253,	13.2	22
248	The 2020 report of The Lancet Countdown on health and climate change: responding to converging crises. <i>Lancet, The</i> , 2021 , 397, 129-170	40	364
247	Cohort profile: China National Human Biomonitoring (CNHBM)-A nationally representative, prospective cohort in Chinese population. <i>Environment International</i> , 2021 , 146, 106252	12.9	8
246	Long-Term Exposure to Ambient PM and Increased Risk of CKD Prevalence in China. <i>Journal of the American Society of Nephrology: JASN</i> , 2021 , 32, 448-458	12.7	14
245	Assessment of long-range transboundary aerosols in Seoul, South Korea From Geostationary Ocean Color Imager (GOCI) and ground-based observations. <i>Environmental Pollution</i> , 2021 , 269, 115924	9.3	1

244	Long-term exposure to nitrogen dioxide and mortality: A systematic review and meta-analysis. <i>Science of the Total Environment</i> , 2021 , 776, 145968	10.2	15
243	Satellite Monitoring for Air Quality and Health. <i>Annual Review of Biomedical Data Science</i> , 2021 , 4, 417-447	4.7	6
242	Calibration of low-cost PurpleAir outdoor monitors using an improved method of calculating PM2.5. <i>Atmospheric Environment</i> , 2021 , 256, 118432	5.3	10
241	Short-term PM and cardiovascular admissions in NY State: assessing sensitivity to exposure model choice. <i>Environmental Health</i> , 2021 , 20, 93	6	
240	The association between asthma emergency department visits and satellite-derived PM in Lima, Peru. <i>Environmental Research</i> , 2021 , 199, 111226	7.9	2
239	Significant but Spatiotemporal-Heterogeneous Health Risks Caused by Airborne Exposure to Multiple Toxic Trace Elements in China. <i>Environmental Science & Technology</i> , 2021 , 55, 12818-12830	10.3	2
238	Long-term impacts of ambient fine particulate matter exposure on overweight or obesity in Chinese adults: The China-PAR project. <i>Environmental Research</i> , 2021 , 201, 111611	7.9	2
237	Benefits of active commuting on cardiovascular health modified by ambient fine particulate matter in China: A prospective cohort study. <i>Ecotoxicology and Environmental Safety</i> , 2021 , 224, 112641	7	1
236	Human biomonitoring of toxic and essential metals in younger elderly, octogenarians, nonagenarians and centenarians: Analysis of the Healthy Ageing and Biomarkers Cohort Study (HABCS) in China. <i>Environment International</i> , 2021 , 156, 106717	12.9	5
235	A machine learning model to estimate ambient PM concentrations in industrialized highveld region of South Africa. <i>Remote Sensing of Environment</i> , 2021 , 266, 112713-112713	13.2	2
234	Imputing Satellite-Derived Aerosol Optical Depth Using a Multi-Resolution Spatial Model and Random Forest for PM2.5 Prediction. <i>Remote Sensing</i> , 2021 , 13, 126	5	7
233	Long-Term Exposure to Low-Level and Mortality among the Elderly Population in the Southeastern United States.. <i>Environmental Health Perspectives</i> , 2021 , 129, 127009	8.4	4
232	Large global variations in measured airborne metal concentrations driven by anthropogenic sources. <i>Scientific Reports</i> , 2020 , 10, 21817	4.9	4
231	Non-Negligible Stack Emissions of Noncriteria Air Pollutants from Coal-Fired Power Plants in China: Condensable Particulate Matter and Sulfur Trioxide. <i>Environmental Science & Technology</i> , 2020 , 54, 6540-6550	10.3	26
230	Long-Term Effects of High Exposure to Ambient Fine Particulate Matter on Coronary Heart Disease Incidence: A Population-Based Chinese Cohort Study. <i>Environmental Science & Technology</i> , 2020 , 54, 6812-6821	10.3	19
229	Dynamic projection of anthropogenic emissions in China: methodology and 2015-2050 emission pathways under a range of socio-economic, climate policy, and pollution control scenarios. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 5729-5757	6.8	38
228	Modified regional biogenic VOC emissions with actual ozone stress and integrated land cover information: A case study in Yangtze River Delta, China. <i>Science of the Total Environment</i> , 2020 , 727, 138703	10.2	5
227	Changes in spatial patterns of PM pollution in China 2000-2018: Impact of clean air policies. <i>Environment International</i> , 2020 , 141, 105776	12.9	49

226	Estimating PM2.5 in Southern California using satellite data: factors that affect model performance. <i>Environmental Research Letters</i> , 2020 , 15, 094004	6.2	5
225	PM exposure on daily cardio-respiratory mortality in Lima, Peru, from 2010 to 2016. <i>Environmental Health</i> , 2020 , 19, 63	6	7
224	Spatiotemporal distributions of surface ozone levels in China from 2005 to 2017: A machine learning approach. <i>Environment International</i> , 2020 , 142, 105823	12.9	48
223	Using Satellites to Track Indicators of Global Air Pollution and Climate Change Impacts: Lessons Learned From a NASA-Supported Science-Stakeholder Collaborative. <i>GeoHealth</i> , 2020 , 4, e2020GH000270	5	11
222	Associations of long-term exposure to ambient PM with mortality in Chinese adults: A pooled analysis of cohorts in the China-PAR project. <i>Environment International</i> , 2020 , 138, 105589	12.9	25
221	Geographical Disparity and Associated Factors of COPD Prevalence in China: A Spatial Analysis of National Cross-Sectional Study. <i>International Journal of COPD</i> , 2020 , 15, 367-377	3	3
220	Chronic Effects of High Fine Particulate Matter Exposure on Lung Cancer in China. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2020 , 202, 1551-1559	10.2	6
219	County-level variation in the long-term association between PM and lung cancer mortality in China. <i>Science of the Total Environment</i> , 2020 , 738, 140195	10.2	8
218	Random forest models for PM2.5 speciation concentrations using MISR fractional AODs. <i>Environmental Research Letters</i> , 2020 , 15, 034056	6.2	18
217	Long-Term Exposure to Fine Particulate Matter and Cardiovascular Disease in China. <i>Journal of the American College of Cardiology</i> , 2020 , 75, 707-717	15.1	61
216	Association between maternal exposure to particulate matter (PM) and adverse pregnancy outcomes in Lima, Peru. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2020 , 30, 689-697	6.7	10
215	Relationship between temporal distribution of air pollution exposure and glucose homeostasis during pregnancy. <i>Environmental Research</i> , 2020 , 185, 109456	7.9	7
214	Spatial Particulate Fields during High Winds in the Imperial Valley, California. <i>Atmosphere</i> , 2020 , 11, 88	2.7	3
213	Satellite-based estimation of hourly PM levels during heavy winter pollution episodes in the Yangtze River Delta, China. <i>Chemosphere</i> , 2020 , 239, 124678	8.4	14
212	Estimating PM2.5 concentration of the conterminous United States via interpretable convolutional neural networks. <i>Environmental Pollution</i> , 2020 , 256, 113395	9.3	41
211	Incorporating Low-Cost Sensor Measurements into High-Resolution PM Modeling at a Large Spatial Scale. <i>Environmental Science & Technology</i> , 2020 , 54, 2152-2162	10.3	46
210	Time-series analysis of ambient PM and cardiorespiratory emergency room visits in Lima, Peru during 2010-2016. <i>Journal of Exposure Science and Environmental Epidemiology</i> , 2020 , 30, 680-688	6.7	13
209	Long-term exposure to PM and incidence of disability in activities of daily living among oldest old. <i>Environmental Pollution</i> , 2020 , 259, 113910	9.3	12

208	Exposure to respirable and fine dust particle over North-Central India: chemical characterization, source interpretation, and health risk analysis. <i>Environmental Geochemistry and Health</i> , 2020 , 42, 2081-2099	4.7	9
207	Review: Strategies for using satellite-based products in modeling PM and short-term pollution episodes. <i>Environment International</i> , 2020 , 144, 106057	12.9	12
206	Urban Air Pollution May Enhance COVID-19 Case-Fatality and Mortality Rates in the United States. <i>Innovation(China)</i> , 2020 , 1, 100047	17.8	104
205	Satellite-based assessment of the long-term efficacy of PM _{2.5} pollution control policies across the Taiwan Strait. <i>Remote Sensing of Environment</i> , 2020 , 251, 112067	13.2	8
204	Years of life lost from ischaemic and haemorrhagic stroke related to ambient nitrogen dioxide exposure: A multicity study in China. <i>Ecotoxicology and Environmental Safety</i> , 2020 , 203, 111018	7	5
203	Joint retrieval of the aerosol fine mode fraction and optical depth using MODIS spectral reflectance over northern and eastern China: Artificial neural network method. <i>Remote Sensing of Environment</i> , 2020 , 249, 112006	13.2	22
202	Temporal changes in short-term associations between cardiorespiratory emergency department visits and PM in Los Angeles, 2005 to 2016. <i>Environmental Research</i> , 2020 , 190, 109967	7.9	11
201	The 17-y spatiotemporal trend of PM and its mortality burden in China. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 25601-25608	11.5	31
200	Critical windows for maternal fine particulate matter exposure and adverse birth outcomes: The Shanghai birth cohort study. <i>Chemosphere</i> , 2020 , 240, 124904	8.4	29
199	Contribution of low-cost sensor measurements to the prediction of PM levels: A case study in Imperial County, California, USA. <i>Environmental Research</i> , 2020 , 180, 108810	7.9	25
198	Emissions and health impacts from global shipping embodied in US-China bilateral trade. <i>Nature Sustainability</i> , 2019 , 2, 1027-1033	22.1	22
197	A Bayesian ensemble approach to combine PM estimates from statistical models using satellite imagery and numerical model simulation. <i>Environmental Research</i> , 2019 , 178, 108601	7.9	23
196	Estimating daily PM concentrations in New York City at the neighborhood-scale: Implications for integrating non-regulatory measurements. <i>Science of the Total Environment</i> , 2019 , 697, 134094	10.2	19
195	Ammonium-treated birnessite-type MnO ₂ to increase oxygen vacancies and surface acidity for stably decomposing ozone in humid condition. <i>Applied Surface Science</i> , 2019 , 495, 143607	6.7	38
194	Associations of wildfire smoke PM exposure with cardiorespiratory events in Colorado 2011-2014. <i>Environment International</i> , 2019 , 133, 105151	12.9	44
193	Air Pollution Monitoring for Health Research and Patient Care. An Official American Thoracic Society Workshop Report. <i>Annals of the American Thoracic Society</i> , 2019 , 16, 1207-1214	4.7	16
192	Inequality of household consumption and air pollution-related deaths in China. <i>Nature Communications</i> , 2019 , 10, 4337	17.4	53
191	On the accuracy and potential of Google Maps location history data to characterize individual mobility for air pollution health studies. <i>Environmental Pollution</i> , 2019 , 252, 924-930	9.3	11

190	Machine Learning-Based Integration of High-Resolution Wildfire Smoke Simulations and Observations for Regional Health Impact Assessment. <i>International Journal of Environmental Research and Public Health</i> , 2019 , 16,	4.6	20
189	Effects of air pollution control policies on PM _{2.5} pollution improvement in China from 2005 to 2017: a satellite-based perspective. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 6861-6877	6.8	82
188	Predicting gestational personal exposure to PM from satellite-driven ambient concentrations in Shanghai. <i>Chemosphere</i> , 2019 , 233, 452-461	8.4	12
187	Long-Term Exposure to Fine Particulate Matter and Hypertension Incidence in China. <i>Hypertension</i> , 2019 , 73, 1195-1201	8.5	54
186	Developing an Advanced PM Exposure Model in Lima, Peru. <i>Remote Sensing</i> , 2019 , 11,	5	24
185	Surface erythemal UV irradiance in the continental United States derived from ground-based and OMI observations: quality assessment, trend analysis and sampling issues. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 2165-2181	6.8	11
184	Long-term exposure to ambient fine particulate matter and incidence of diabetes in China: A cohort study. <i>Environment International</i> , 2019 , 126, 568-575	12.9	47
183	Radiative Effects of Residential Sector Emissions in China: Sensitivity to Uncertainty in Black Carbon Emissions. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019 , 124, 5029-5044	4.4	5
182	Estimating mortality burden attributable to short-term PM exposure: A national observational study in China. <i>Environment International</i> , 2019 , 125, 245-251	12.9	58
181	Impact of China's Air Pollution Prevention and Control Action Plan on PM _{2.5} chemical composition over eastern China. <i>Science China Earth Sciences</i> , 2019 , 62, 1872-1884	4.6	55
180	Compilation and spatio-temporal analysis of publicly available total solar and UV irradiance data in the contiguous United States. <i>Environmental Pollution</i> , 2019 , 253, 130-140	9.3	10
179	Increased Outdoor PM Concentration Is Associated with Moderate/Severe Anemia in Children Aged 6-59 Months in Lima, Peru. <i>Journal of Environmental and Public Health</i> , 2019 , 2019, 6127845	2.6	12
178	Association of Estimated Long-term Exposure to Air Pollution and Traffic Proximity With a Marker for Coronary Atherosclerosis in a Nationwide Study in China. <i>JAMA Network Open</i> , 2019 , 2, e196553	10.4	29
177	Comparison of multiple PM 2.5 exposure products for estimating health benefits of emission controls over New York State, USA. <i>Environmental Research Letters</i> , 2019 , 14, 084023	6.2	22
176	The 2019 report of The Lancet Countdown on health and climate change: ensuring that the health of a child born today is not defined by a changing climate. <i>Lancet, The</i> , 2019 , 394, 1836-1878	40	506
175	Long term exposure to ambient fine particulate matter and incidence of stroke: prospective cohort study from the China-PAR project. <i>BMJ, The</i> , 2019 , 367, l6720	5.9	50
174	Drivers of improved PM air quality in China from 2013 to 2017. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 24463-24469	11.5	578
173	Preventing secondary exposure to women from men applying a novel nesterone/testosterone contraceptive gel. <i>Andrology</i> , 2019 , 7, 235-243	4.2	7

172	Impacts of snow and cloud covers on satellite-derived PM levels. <i>Remote Sensing of Environment</i> , 2019 , 221, 665-674	13.2	54
171	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
170	Air pollutant exposure field modeling using air quality model-data fusion methods and comparison with satellite AOD-derived fields: application over North Carolina, USA. <i>Air Quality, Atmosphere and Health</i> , 2018 , 11, 11-22	5.6	19
169	Spatial regression with an informatively missing covariate: Application to mapping fine particulate matter. <i>Environmetrics</i> , 2018 , 29, e2499	1.3	5
168	Risk perception of heat waves and its spatial variation in Nanjing, China. <i>International Journal of Biometeorology</i> , 2018 , 62, 783-794	3.7	7
167	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
166	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
165	An overview of mesoscale aerosol processes, comparisons, and validation studies from DRAGON networks. <i>Atmospheric Chemistry and Physics</i> , 2018 , 18, 655-671	6.8	48
164	Estimating PM speciation concentrations using prototype 4.4 km-resolution MISR aerosol properties over Southern California. <i>Atmospheric Environment</i> , 2018 , 181, 70-81	5.3	24
163	Data integration model for air quality: a hierarchical approach to the global estimation of exposures to ambient air pollution. <i>Journal of the Royal Statistical Society Series C: Applied Statistics</i> , 2018 , 67, 231-253	1.5	87
162	MAIAC-based long-term spatiotemporal trends of PM in Beijing, China. <i>Science of the Total Environment</i> , 2018 , 616-617, 1589-1598	10.2	61
161	Urban heat island intensity and spatial variability by synoptic weather type in the northeast U.S.. <i>Urban Climate</i> , 2018 , 24, 747-762	6.8	34
160	Data Integration for the Assessment of Population Exposure to Ambient Air Pollution for Global Burden of Disease Assessment. <i>Environmental Science & Technology</i> , 2018 , 52, 9069-9078	10.3	102
159	Climate research priorities for policy-makers, practitioners, and scientists in Georgia, USA. <i>Environmental Management</i> , 2018 , 62, 190-209	3.1	8
158	Attribution of aerosol direct radiative forcing in China and India to emitting sectors. <i>Atmospheric Environment</i> , 2018 , 190, 35-42	5.3	19
157	Predicting monthly high-resolution PM concentrations with random forest model in the North China Plain. <i>Environmental Pollution</i> , 2018 , 242, 675-683	9.3	97
156	Satellite-Based Daily PM Estimates During Fire Seasons in Colorado. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018 , 123, 8159-8171	4.4	24
155	Projections for temperature-related years of life lost from cardiovascular diseases in the elderly in a Chinese city with typical subtropical climate. <i>Environmental Research</i> , 2018 , 167, 614-621	7.9	12

154	Advances in multiangle satellite remote sensing of speciated airborne particulate matter and association with adverse health effects: from MISR to MAIA. <i>Journal of Applied Remote Sensing</i> , 2018 , 12, 1	1.4	52
153	Combining Satellite Imagery and Numerical Model Simulation Results to Estimate Daily Ambient Air Pollution: An Ensemble Averaging Approach. <i>ISEE Conference Abstracts</i> , 2018 , 2018,	2.9	8
152	Satellite-Based Daily PM _{2.5} Estimates during Fire Seasons in Colorado. <i>ISEE Conference Abstracts</i> , 2018 , 2018,	2.9	2
151	Modeling Study of the Particulate Matter in Lima with the WRF-Chem Model: Case Study of April 2016. <i>International Journal of Applied Engineering Research: IJAER</i> , 2018 , 13, 10129-10141	1.4	2
150	Modeling Study of the Particulate Matter in Lima with the WRF-Chem Model: Case Study of April 2016. <i>International Journal of Applied Engineering Research: IJAER</i> , 2018 , 13, 10129	1.4	10
149	Using Air Quality Model-Data Fusion Methods for Developing Air Pollutant Exposure Fields and Comparison with Satellite AOD-Derived Fields: Application over North Carolina, USA. <i>Springer Proceedings in Complexity</i> , 2018 , 207-212	0.3	1
148	Global, regional, and national age-sex-specific mortality for 282 causes of death in 195 countries and territories, 1980-2017: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 1736-1788	40	2850
147	Measuring progress from 1990 to 2017 and projecting attainment to 2030 of the health-related Sustainable Development Goals for 195 countries and territories: a systematic analysis for the Global Burden of Disease Study 2017. <i>Lancet, The</i> , 2018 , 392, 2091-2138	40	210
146	Space-time trends of PM constituents in the conterminous United States estimated by a machine learning approach, 2005-2015. <i>Environment International</i> , 2018 , 121, 1137-1147	12.9	30
145	Effects of air pollution control policies on PM _{2.5} ; pollution improvement in China from 2005 to 2017: a satellite based perspective 2018 ,		1
144	The sensitivity of satellite-based PM estimates to its inputs: Implications to model development in data-poor regions. <i>Environment International</i> , 2018 , 121, 550-560	12.9	16
143	Toxicological Risk by Inhalation Exposure of Air Pollution Emitted from China's Municipal Solid Waste Incineration. <i>Environmental Science & Technology</i> , 2018 , 52, 11490-11499	10.3	12
142	A Bayesian Downscaler Model to Estimate Daily PM Levels in the Conterminous US. <i>International Journal of Environmental Research and Public Health</i> , 2018 , 15,	4.6	10
141	An Ensemble Machine-Learning Model To Predict Historical PM Concentrations in China from Satellite Data. <i>Environmental Science & Technology</i> , 2018 , 52, 13260-13269	10.3	120
140	All-cause mortality risk associated with long-term exposure to ambient PM in China: a cohort study. <i>Lancet Public Health, The</i> , 2018 , 3, e470-e477	22.4	116
139	The impact of power generation emissions on ambient PM pollution and human health in China and India. <i>Environment International</i> , 2018 , 121, 250-259	12.9	70
138	OMI surface UV irradiance in the continental United States: quality assessment, trend analysis, and sampling issues 2018 ,		1
137	Global Sources of Fine Particulate Matter: Interpretation of PM Chemical Composition Observed by SPARTAN using a Global Chemical Transport Model. <i>Environmental Science & Technology</i> , 2018 , 52, 11670-11681	10.3	40

136	Associations between birth outcomes and maternal PM exposure in Shanghai: A comparison of three exposure assessment approaches. <i>Environment International</i> , 2018 , 117, 226-236	12.9	48
135	The changing risk perception towards nuclear power in China after the Fukushima nuclear accident in Japan. <i>Energy Policy</i> , 2018 , 120, 294-301	7.2	26
134	Satellite-based short- and long-term exposure to PM and adult mortality in urban Beijing, China. <i>Environmental Pollution</i> , 2018 , 242, 492-499	9.3	31
133	The impact of three recent coal-fired power plant closings on Pittsburgh air quality: A natural experiment. <i>Journal of the Air and Waste Management Association</i> , 2017 , 67, 3-16	2.4	12
132	Associations between ambient fine particulate air pollution and hypertension: A nationwide cross-sectional study in China. <i>Science of the Total Environment</i> , 2017 , 584-585, 869-874	10.2	80
131	Estimates and 25-year trends of the global burden of disease attributable to ambient air pollution: an analysis of data from the Global Burden of Diseases Study 2015. <i>Lancet, The</i> , 2017 , 389, 1907-1918	40	2658
130	The nexus between urbanization and PM related mortality in China. <i>Environmental Pollution</i> , 2017 , 227, 15-23	9.3	45
129	Maternal exposure to ozone and PM and the prevalence of orofacial clefts in four U.S. states. <i>Environmental Research</i> , 2017 , 153, 35-40	7.9	27
128	Healthcare Access and Quality Index based on mortality from causes amenable to personal health care in 195 countries and territories, 1990-2015: a novel analysis from the Global Burden of Disease Study 2015. <i>Lancet, The</i> , 2017 , 390, 231-266	40	352
127	Global Land Use Regression Model for Nitrogen Dioxide Air Pollution. <i>Environmental Science & Technology</i> , 2017 , 51, 6957-6964	10.3	111
126	A comparison of individual exposure, perception, and acceptable levels of PM with air pollution policy objectives in China. <i>Environmental Research</i> , 2017 , 157, 78-86	7.9	47
125	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
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