

# Bin Zhao

## List of Publications by Year in Descending Order

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**Version:** 2024-04-27

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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.

267  
papers

10,495  
citations

55  
h-index

92  
g-index

308  
ext. papers

12,642  
ext. citations

6.9  
avg, IF

6.91  
L-index

#	Paper	IF	Citations
267	Reducing airborne infection risk of COVID-19 by locating air cleaners at proper positions indoor: Analysis with a simple model.. <i>Building and Environment</i> , <b>2022</b> , 213, 108864	6.5	3
266	How will window opening change under global warming: A study for China residence. <i>Building and Environment</i> , <b>2022</b> , 209, 108672	6.5	1
265	Critical loads of headwater streams in China using SSWC model modified by comprehensive F-factor. <i>Science of the Total Environment</i> , <b>2022</b> , 802, 149780	10.2	1
264	Role of black carbon in modulating aerosol direct effects driven by air pollution controls during 2013-2017 in China.. <i>Science of the Total Environment</i> , <b>2022</b> , 154928	10.2	0
263	Volatile products generated from reactions between ozone and human skin lipids: A modelling estimation. <i>Building and Environment</i> , <b>2022</b> , 109068	6.5	2
262	The WHO Air Quality Guidelines 2021 promote great challenge for indoor air.. <i>Science of the Total Environment</i> , <b>2022</b> , 154376	10.2	1
261	The striking effect of vertical mixing in the planetary boundary layer on new particle formation in the Yangtze River Delta.. <i>Science of the Total Environment</i> , <b>2022</b> , 829, 154607	10.2	3
260	Full-volatility emission framework corrects missing and underestimated secondary organic aerosol sources. <i>One Earth</i> , <b>2022</b> , 5, 403-412	8.1	3
259	Benefits from disease-burden reduction for type 2 diabetes and obesity through comprehensive regulatory restrictions on phthalate use in China. <i>One Earth</i> , <b>2022</b> , 5, 380-391	8.1	0
258	Comprehensive chemical characterization of gaseous I/SVOC emissions from heavy-duty diesel vehicles using two-dimensional gas chromatography time-of-flight mass spectrometry.. <i>Environmental Pollution</i> , <b>2022</b> , 119284	9.3	0
257	Evaluating the real changes of air quality due to clean air actions using a machine learning technique: Results from 12 Chinese mega-cities during 2013-2020.. <i>Chemosphere</i> , <b>2022</b> , 134608	8.4	1
256	The trend of natural ventilation potential in 74 Chinese cities from 2014 to 2019: Impact of air pollution and climate change. <i>Building and Environment</i> , <b>2022</b> , 218, 109146	6.5	1
255	Restrictions on indoor and outdoor NO emissions to reduce disease burden for pediatric asthma in China: A modeling study.. <i>The Lancet Regional Health - Western Pacific</i> , <b>2022</b> , 24, 100463	5	1
254	Health effects of exposure to indoor volatile organic compounds from 1980 to 2017: A systematic review and meta-analysis. <i>Indoor Air</i> , <b>2022</b> , 32,	5.4	2
253	Development and Assessment of a High-Resolution Biogenic Emission Inventory from Urban Green Spaces in China.. <i>Environmental Science &amp; Technology</i> , <b>2021</b> ,	10.3	8
252	Improvements of response surface modeling with self-adaptive machine learning method for PM and O predictions. <i>Journal of Environmental Management</i> , <b>2021</b> , 303, 114210	7.9	1
251	Source contribution analysis of PM using Response Surface Model and Particulate Source Apportionment Technology over the PRD region, China. <i>Science of the Total Environment</i> , <b>2021</b> , 151757	10.2	3

250	Variations and Sources of Organic Aerosol in Winter Beijing under Markedly Reduced Anthropogenic Activities During COVID-2019. <i>Environmental Science &amp; Technology</i> , <b>2021</b> ,	10.3	4
249	Unveiling the dipole synergic effect of biogenic and anthropogenic emissions on ozone concentrations. <i>Science of the Total Environment</i> , <b>2021</b> , 818, 151722	10.2	5
248	Indoor sources strongly contribute to exposure of Chinese urban residents to PM and NO. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 127829	12.8	7
247	Fluxes of HS and SO above a subtropical forest under natural and disturbed conditions induced by temporal land-use change.. <i>Science of the Total Environment</i> , <b>2021</b> , 811, 152084	10.2	2
246	Impacts of biogenic emissions from urban landscapes on summer ozone and secondary organic aerosol formation in megacities.. <i>Science of the Total Environment</i> , <b>2021</b> , 152654	10.2	4
245	Megacity, Microscale Livable Space, and Major Depression. <i>JAMA Network Open</i> , <b>2021</b> , 4, e2130941	10.4	
244	Non-negligible contributions to human health from increased household air pollution exposure during the COVID-19 lockdown in China. <i>Environment International</i> , <b>2021</b> , 158, 106918	12.9	8
243	Size-dependent filtration efficiencies of face masks and respirators for removing SARS-CoV-2-laden aerosols. <i>Infection Control and Hospital Epidemiology</i> , <b>2021</b> , 42, 906-907	2	7
242	Impact of Urban Pollution on Organic-Mediated New-Particle Formation and Particle Number Concentration in the Amazon Rainforest. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 4357-4367	10.3	2
241	Role of emission controls in reducing the 2050 climate change penalty for PM in China. <i>Science of the Total Environment</i> , <b>2021</b> , 765, 144338	10.2	5
240	Modeling the impact of COVID-19 on air quality in southern California: implications for future control policies. <i>Atmospheric Chemistry and Physics</i> , <b>2021</b> , 21, 8693-8708	6.8	8
239	Indoor exposure levels of ammonia in residences, schools, and offices in China from 1980 to 2019: A systematic review. <i>Indoor Air</i> , <b>2021</b> , 31, 1691-1706	5.4	7
238	Indoor PM2.5 concentrations in China: A concise review of the literature published in the past 40 years. <i>Building and Environment</i> , <b>2021</b> , 198, 107898	6.5	6
237	Health Benefits and Costs of Clean Heating Renovation: An Integrated Assessment in a Major Chinese City. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 10046-10055	10.3	6
236	Persistent high PM pollution driven by unfavorable meteorological conditions during the COVID-19 lockdown period in the Beijing-Tianjin-Hebei region, China. <i>Environmental Research</i> , <b>2021</b> , 198, 111186	7.9	14
235	Using an air purifier as a supplementary protective measure in dental clinics during the coronavirus disease 2019 (COVID-19) pandemic. <i>Infection Control and Hospital Epidemiology</i> , <b>2021</b> , 42, 493	2	18
234	Increasing cardiopulmonary effects of ultrafine particles at relatively low fine particle concentrations. <i>Science of the Total Environment</i> , <b>2021</b> , 751, 141726	10.2	5
233	Ozone reactive compounds measured in skin wipes from Chinese volunteers. <i>Building and Environment</i> , <b>2021</b> , 188, 107515	6.5	2

232	Co-benefits of subnationally differentiated carbon pricing policies in China: Alleviation of heavy PM2.5 pollution and improvement in environmental equity. <i>Energy Policy</i> , <b>2021</b> , 149, 112060	7.2	5
231	A comparative study of the effects of ventilation-purification strategies on air quality and energy consumption in Beijing, China. <i>Building Simulation</i> , <b>2021</b> , 14, 813-825	3.9	7
230	Satellite-Derived Aerosol Optical Depth Fusion Combining Active and Passive Remote Sensing Based on Bayesian Maximum Entropy. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-13	8.1	1
229	Impact of Outdoor Particles on Indoor Air <b>2021</b> , 1-23		2
228	Surface Brightening in Eastern and Central China Since the Implementation of the Clean Air Action in 2013: Causes and Implications. <i>Geophysical Research Letters</i> , <b>2021</b> , 48, e2020GL091105	4.9	6
227	Health benefits and cost of using air purifiers to reduce exposure to ambient fine particulate pollution in China. <i>Journal of Hazardous Materials</i> , <b>2021</b> , 414, 125540	12.8	8
226	Indoor exposure levels of radon in dwellings, schools, and offices in China from 2000 to 2020: A systematic review. <i>Indoor Air</i> , <b>2021</b> ,	5.4	9
225	Evaluation of regional transport of PM during severe atmospheric pollution episodes in the western Yangtze River Delta, China. <i>Journal of Environmental Management</i> , <b>2021</b> , 293, 112827	7.9	3
224	Source impact and contribution analysis of ambient ozone using multi-modeling approaches over the Pearl River Delta region, China. <i>Environmental Pollution</i> , <b>2021</b> , 289, 117860	9.3	4
223	The quest for improved air quality may push China to continue its CO reduction beyond the Paris Commitment. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 29535-29542	11.5	36
222	Health co-benefits of achieving sustainable net-zero greenhouse gas emissions in California. <i>Nature Sustainability</i> , <b>2020</b> , 3, 597-605	22.1	20
221	Environmental impact of national and subnational carbon policies in China based on a multi-regional dynamic CGE model. <i>Journal of Environmental Management</i> , <b>2020</b> , 270, 110901	7.9	16
220	Wintertime Particulate Matter Decrease Buffered by Unfavorable Chemical Processes Despite Emissions Reductions in China. <i>Geophysical Research Letters</i> , <b>2020</b> , 47, e2020GL087721	4.9	18
219	Breathing-rate adjusted population exposure to ozone and its oxidation products in 333 cities in China. <i>Environment International</i> , <b>2020</b> , 138, 105617	12.9	17
218	Metabolic linkages between indoor negative air ions, particulate matter and cardiorespiratory function: A randomized, double-blind crossover study among children. <i>Environment International</i> , <b>2020</b> , 138, 105663	12.9	22
217	Responses of gaseous sulfuric acid and particulate sulfate to reduced SO concentration: A perspective from long-term measurements in Beijing. <i>Science of the Total Environment</i> , <b>2020</b> , 721, 137700	10.2	16
216	Persistent Heavy Winter Nitrate Pollution Driven by Increased Photochemical Oxidants in Northern China. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 3881-3889	10.3	85
215	Benefit of China's reduction in nitrogen oxides emission to natural ecosystems in East Asia with respect to critical load exceedance. <i>Environment International</i> , <b>2020</b> , 136, 105468	12.9	9

214	Estimation of abatement potentials and costs of air pollution emissions in China. <i>Journal of Environmental Management</i> , <b>2020</b> , 260, 110069	7.9	10
213	Air purifiers: A supplementary measure to remove airborne SARS-CoV-2. <i>Building and Environment</i> , <b>2020</b> , 177, 106918	6.5	65
212	Estimated Secondary Organic Carbon (SOC) in PM2.5 from Chinese Cooking via Minimum OC/EC Ratio Method. <i>Environmental Science and Engineering</i> , <b>2020</b> , 287-292	0.2	
211	Estimation of Human Exposure and Environment Burden of Disease Caused by PM2.5 Pollution in Beijing, China. <i>Environmental Science and Engineering</i> , <b>2020</b> , 709-715	0.2	
210	Air quality impact of the Northern California Camp Fire of November 2018. <i>Atmospheric Chemistry and Physics</i> , <b>2020</b> , 20, 14597-14616	6.8	10
209	Size-Dependent Removal Efficiency of Mechanical Ventilation System with Air Filtration Unit for Nanoparticles. <i>Environmental Science and Engineering</i> , <b>2020</b> , 403-409	0.2	
208	Investigations for Reducing Personal Exposure to PM2.5 from Residential Chinese Cooking Based on CFD Simulation. <i>Environmental Science and Engineering</i> , <b>2020</b> , 279-286	0.2	
207	Reduction of Human Exposure and Premature Deaths by Indoor PM2.5 Cleaning in Beijing, China. <i>Environmental Science and Engineering</i> , <b>2020</b> , 717-724	0.2	
206	Distribution of Air Change Rates in Residential Buildings in Beijing, China. <i>Environmental Science and Engineering</i> , <b>2020</b> , 1149-1156	0.2	3
205	High concentration of ultrafine particles in the Amazon free troposphere produced by organic new particle formation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 25344-25351	11.5	20
204	Reducing human exposure to PM2.5 generated while cooking typical Chinese cuisine. <i>Building and Environment</i> , <b>2020</b> , 168, 106522	6.5	17
203	Control of fine particulate pollution inside entrance booths. <i>Building and Environment</i> , <b>2020</b> , 169, 106576	6.5	1
202	A chemical dynamic model for the infiltration of outdoor size-resolved ammonium nitrate aerosols to indoor environments. <i>Indoor Air</i> , <b>2020</b> , 30, 275-283	5.4	3
201	Measurement of ozone deposition velocity onto human surfaces of Chinese residents and estimation of corresponding production of oxidation products. <i>Environmental Pollution</i> , <b>2020</b> , 266, 115213	9.3	7
200	Evaluation of a New Chemical Mechanism for 2-Amino-2-methyl-1-propanol in a Reactive Environment from CSIRO Smog Chamber Experiments. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 9844-9853	10.3	3
199	Association of the infection probability of COVID-19 with ventilation rates in confined spaces. <i>Building Simulation</i> , <b>2020</b> , 13, 1-7	3.9	119
198	Personal exposure to ambient PM, PM <sub>10</sub> , O <sub>3</sub> , NO and SO <sub>2</sub> for different populations in 31 Chinese provinces. <i>Environment International</i> , <b>2020</b> , 144, 106018	12.9	24
197	Outdoor-to-indoor transport of ultrafine particles: Measurement and model development of infiltration factor. <i>Environmental Pollution</i> , <b>2020</b> , 267, 115402	9.3	8

196	Indoor exposure levels of bacteria and fungi in residences, schools, and offices in China: A systematic review. <i>Indoor Air</i> , <b>2020</b> , 30, 1147-1165	5.4	21
195	What Factors Drive Air Pollutants in China? An Analysis from the Perspective of Regional Difference Using a Combined Method of Production Decomposition Analysis and Logarithmic Mean Divisia Index. <i>Sustainability</i> , <b>2019</b> , 11, 4650	3.6	8
194	Modeling study of the impact of complex terrain on the surface energy and hydrology over the Tibetan Plateau. <i>Climate Dynamics</i> , <b>2019</b> , 53, 6919-6932	4.2	2
193	Substantial ozone enhancement over the North China Plain from increased biogenic emissions due to heat waves and land cover in summer 2017 <b>2019</b> ,		1
192	Transition in source contributions of PM exposure and associated premature mortality in China during 2005-2015. <i>Environment International</i> , <b>2019</b> , 132, 105111	12.9	54
191	Different cardiorespiratory effects of indoor air pollution intervention with ionization air purifier: Findings from a randomized, double-blind crossover study among school children in Beijing. <i>Environmental Pollution</i> , <b>2019</b> , 254, 113054	9.3	27
190	Climate-driven trends of biogenic volatile organic compound emissions and their impacts on summertime ozone and secondary organic aerosol in China in the 2050s. <i>Atmospheric Environment</i> , <b>2019</b> , 218, 117020	5.3	21
189	Nonlinear relationships between air pollutant emissions and PM-related health impacts in the Beijing-Tianjin-Hebei region. <i>Science of the Total Environment</i> , <b>2019</b> , 661, 375-385	10.2	32
188	Seesaw haze pollution in North China modulated by the sub-seasonal variability of atmospheric circulation. <i>Atmospheric Chemistry and Physics</i> , <b>2019</b> , 19, 565-576	6.8	34
187	Contributions of inter-city and regional transport to PM concentrations in the Beijing-Tianjin-Hebei region and its implications on regional joint air pollution control. <i>Science of the Total Environment</i> , <b>2019</b> , 660, 1191-1200	10.2	86
186	Development of a unit-based industrial emission inventory in the Beijing-Tianjin-Hebei region and resulting improvement in air quality modeling. <i>Atmospheric Chemistry and Physics</i> , <b>2019</b> , 19, 3447-3462	6.8	36
185	Air Quality and Health Cobenefits of Different Deep Decarbonization Pathways in California. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 7163-7171	10.3	15
184	Size-dependent efficiencies of ultrafine particle removal of various filter media. <i>Building and Environment</i> , <b>2019</b> , 160, 106171	6.5	15
183	Modeling Study of the Air Quality Impact of Record-Breaking Southern California Wildfires in December 2017. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2019</b> , 124, 6554-6570	4.4	10
182	Regional differences in nonlinear impacts of economic growth, export and FDI on air pollutants in China based on provincial panel data. <i>Journal of Cleaner Production</i> , <b>2019</b> , 228, 455-466	10.3	55
181	Understanding of Aerosol-Climate Interactions in China: Aerosol Impacts on Solar Radiation, Temperature, Cloud, and Precipitation and Its Changes Under Future Climate and Emission Scenarios. <i>Current Pollution Reports</i> , <b>2019</b> , 5, 36-51	7.6	20
180	The impact of aerosol-radiation interactions on the effectiveness of emission control measures. <i>Environmental Research Letters</i> , <b>2019</b> , 14, 024002	6.2	14
179	Ice nucleation by aerosols from anthropogenic pollution. <i>Nature Geoscience</i> , <b>2019</b> , 12, 602-607	18.3	41

178	Impacts of U.S. Carbon Tariffs on China's Foreign Trade and Social Welfare. <i>Sustainability</i> , <b>2019</b> , 11, 5278-5292	3.6	2
177	Mortality burdens in California due to air pollution attributable to local and nonlocal emissions. <i>Environment International</i> , <b>2019</b> , 133, 105232	12.9	10
176	What Influences the Cross-Border Air Pollutant Transfer in China-United States Trade: A Comparative Analysis Using the Extended IO-SDA Method. <i>Sustainability</i> , <b>2019</b> , 11, 6252	3.6	2
175	Large-scale meteorological control on the spatial pattern of wintertime PM <sub>2.5</sub> pollution over China. <i>Atmospheric Science Letters</i> , <b>2019</b> , 20, e938	2.4	3
174	Substantial ozone enhancement over the North China Plain from increased biogenic emissions due to heat waves and land cover in summer 2017. <i>Atmospheric Chemistry and Physics</i> , <b>2019</b> , 19, 12195-12207	6.8	43
173	Investigating factors causing difference of indoor exposure to outdoor PM <sub>2.5</sub> -bounded elemental carbon during different seasons and haze/non-haze days using a Monte Carlo framework. <i>Atmospheric Environment</i> , <b>2019</b> , 200, 61-68	5.3	1
172	Calculation and decomposition of China's embodied air pollutants in Sino-US trade. <i>Journal of Cleaner Production</i> , <b>2019</b> , 209, 978-994	10.3	21
171	Different health effects of indoor- and outdoor-originated PM on cardiopulmonary function in COPD patients and healthy elderly adults. <i>Indoor Air</i> , <b>2019</b> , 29, 192-201	5.4	26
170	Emission characteristics of PM <sub>2.5</sub> -bound chemicals from residential Chinese cooking. <i>Building and Environment</i> , <b>2019</b> , 149, 623-629	6.5	36
169	Potential reductions in premature mortality attributable to PM by reducing indoor pollution: A model analysis for Beijing-Tianjin-Hebei of China. <i>Environmental Pollution</i> , <b>2019</b> , 245, 260-271	9.3	12
168	Regional differences in impacts of economic growth and urbanization on air pollutants in China based on provincial panel estimation. <i>Journal of Cleaner Production</i> , <b>2019</b> , 208, 340-352	10.3	55
167	Assessing aerosol indirect effect on clouds and regional climate of East/South Asia and West Africa using NCEP GFS. <i>Climate Dynamics</i> , <b>2019</b> , 52, 5759-5774	4.2	8
166	Impact of aerosols on ice crystal size. <i>Atmospheric Chemistry and Physics</i> , <b>2018</b> , 18, 1065-1078	6.8	25
165	A simple method for differentiating direct and indirect exposure to exhaled contaminants in mechanically ventilated rooms. <i>Building Simulation</i> , <b>2018</b> , 11, 1039-1051	3.9	11
164	Tracer element for indoor PM <sub>2.5</sub> in China migrated from outdoor. <i>Atmospheric Environment</i> , <b>2018</b> , 176, 171-178	5.3	23
163	Emission Rates of Multiple Air Pollutants Generated from Chinese Residential Cooking. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 1081-1087	10.3	100
162	Assessment of inter-city transport of particulate matter in the Beijing-Tianjin-Hebei region. <i>Atmospheric Chemistry and Physics</i> , <b>2018</b> , 18, 4843-4858	6.8	59
161	Pollutant emissions from residential combustion and reduction strategies estimated via a village-based emission inventory in Beijing. <i>Environmental Pollution</i> , <b>2018</b> , 238, 230-237	9.3	45

160	Assessment of turbulence models and air supply opening models for CFD modelling of airflow and gaseous contaminant distributions in aircraft cabins. <i>Indoor and Built Environment</i> , <b>2018</b> , 27, 606-621	1.8	19
159	Investigating external and internal pressures on corporate environmental behavior in papermaking enterprises of China. <i>Journal of Cleaner Production</i> , <b>2018</b> , 172, 1193-1211	10.3	29
158	Surface removal rate of ozone in residences in China. <i>Building and Environment</i> , <b>2018</b> , 142, 101-106	6.5	10
157	Factors That Influence Renewable Energy Technological Innovation in China: A Dynamic Panel Approach. <i>Sustainability</i> , <b>2018</b> , 10, 124	3.6	34
156	Type-Dependent Responses of Ice Cloud Properties to Aerosols From Satellite Retrievals. <i>Geophysical Research Letters</i> , <b>2018</b> , 45, 3297-3306	4.9	26
155	Winter haze over North China Plain from 2009 to 2016: Influence of emission and meteorology. <i>Environmental Pollution</i> , <b>2018</b> , 242, 1308-1318	9.3	48
154	Emissions of air pollutants from Chinese cooking: A literature review. <i>Building Simulation</i> , <b>2018</b> , 11, 977-995	3.5	59
153	A wind tunnel study on the effect of trees on PM distribution around buildings. <i>Journal of Hazardous Materials</i> , <b>2018</b> , 346, 36-41	12.8	8
152	Residential Coal Combustion as a Source of Levoglucosan in China. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 1665-1674	10.3	51
151	Change in household fuels dominates the decrease in PM exposure and premature mortality in China in 2005-2015. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2018</b> , 115, 12401-12406	11.5	175
150	Effect of residential air cleaning interventions on risk of cancer associated with indoor semi-volatile organic compounds: a comprehensive simulation study. <i>Lancet Planetary Health</i> , <b>2018</b> , 2, e532-e539	9.8	12
149	Contrasting effects on deep convective clouds by different types of aerosols. <i>Nature Communications</i> , <b>2018</b> , 9, 3874	17.4	61
148	Quantification of the enhanced effectiveness of NO <sub>x</sub> control from simultaneous reductions of VOC and NH <sub>3</sub> for reducing air pollution in the Beijing-Tianjin-Hebei region, China. <i>Atmospheric Chemistry and Physics</i> , <b>2018</b> , 18, 7799-7814	6.8	48
147	Emissions of Phthalates from Indoor Flat Materials in Chinese Residences. <i>Environmental Science &amp; Technology</i> , <b>2018</b> , 52, 13166-13173	10.3	12
146	Is oil temperature a key factor influencing air pollutant emissions from Chinese cooking?. <i>Atmospheric Environment</i> , <b>2018</b> , 193, 190-197	5.3	27
145	Intra-annual variations of regional aerosol optical depth, vertical distribution, and particle types from multiple satellite and ground-based observational datasets. <i>Atmospheric Chemistry and Physics</i> , <b>2018</b> , 18, 11247-11260	6.8	28
144	Emission rates of ultrafine and fine particles generated from human smoking of Chinese cigarettes. <i>Atmospheric Environment</i> , <b>2018</b> , 194, 7-13	5.3	16
143	Impacts of aerosols on seasonal precipitation and snowpack in California based on convection-permitting WRF-Chem simulations. <i>Atmospheric Chemistry and Physics</i> , <b>2018</b> , 18, 5529-5547	6.8	6



142	Impact of air pollution control policies on future PM concentrations and their source contributions in China. <i>Journal of Environmental Management</i> , <b>2018</b> , 227, 124-133	7.9	50
141	Chemical composition of outdoor and indoor PM collected during haze events: Transformations and modified source contributions resulting from outdoor-to-indoor transport. <i>Indoor Air</i> , <b>2018</b> , 28, 828-839	5.4	17
140	Is there a timelier solution to air pollution in today's cities?. <i>Lancet Planetary Health, The</i> , <b>2018</b> , 2, e240	9.8	11
139	Ozone and secondary organic aerosol formation potential from anthropogenic volatile organic compounds emissions in China. <i>Journal of Environmental Sciences</i> , <b>2017</b> , 53, 224-237	6.4	90
138	Local and regional contributions to fine particulate matter in Beijing during heavy haze episodes. <i>Science of the Total Environment</i> , <b>2017</b> , 580, 283-296	10.2	75
137	Particulate matter pollution over China and the effects of control policies. <i>Science of the Total Environment</i> , <b>2017</b> , 584-585, 426-447	10.2	193
136	Six-day measurement of size-resolved indoor fluorescent bioaerosols of outdoor origin in an office. <i>Particuology</i> , <b>2017</b> , 31, 161-169	2.8	8
135	Decadal-scale trends in regional aerosol particle properties and their linkage to emission changes. <i>Environmental Research Letters</i> , <b>2017</b> , 12, 054021	6.2	82
134	High cloud variations with surface temperature from 2002 to 2015: Contributions to atmospheric radiative cooling rate and precipitation changes. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2017</b> , 122, 5457-5471	4.4	12
133	Is surface water acidification a serious regional issue in China?. <i>Science of the Total Environment</i> , <b>2017</b> , 584-585, 783-790	10.2	17
132	Important fossil source contribution to brown carbon in Beijing during winter. <i>Scientific Reports</i> , <b>2017</b> , 7, 43182	4.9	82
131	Reduction in population exposure to PM and cancer risk due to PM-bound PAHs exposure in Beijing, China during the APEC meeting. <i>Environmental Pollution</i> , <b>2017</b> , 225, 338-345	9.3	28
130	Assessing the Future Vehicle Fleet Electrification: The Impacts on Regional and Urban Air Quality. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 1007-1016	10.3	49
129	The impact of the "Air Pollution Prevention and Control Action Plan" on PM concentrations in Jing-Jin-Ji region during 2012-2020. <i>Science of the Total Environment</i> , <b>2017</b> , 580, 197-209	10.2	252
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127	A water vapor modulated aerosol impact on ice crystal size <b>2017</b> ,		1
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120	City-specific vehicle emission control strategies to achieve stringent emission reduction targets in China's Yangtze River Delta region. <i>Journal of Environmental Sciences</i> , <b>2017</b> , 51, 75-87	6.4	28
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113	Ensemble Predictions of Air Pollutants in China in 2013 for Health Effects Studies Using WRF/CMAQ Modeling System with Four Emission Inventories <b>2017</b> ,		1
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