

Renjian Zhang

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.

233
papers

9,685
citations

52
h-index

90
g-index

258
ext. papers

11,272
ext. citations

5.5
avg, IF

6.01
L-index

#	Paper	IF	Citations
233	Environmental effects of China's coal ban policy: Results from in situ observations and model analysis in a typical rural area of the Beijing-Tianjin-Hebei region, China. <i>Atmospheric Research</i> , 2022 , 268, 106015	5.4	0
232	Large contribution from worship activities to the atmospheric soot particles in northwest China.. <i>Environmental Pollution</i> , 2022 , 118907	9.3	0
231	Concentration, optical characteristics, and emission factors of brown carbon emitted by on-road vehicles. <i>Science of the Total Environment</i> , 2021 , 151307	10.2	1
230	Chemical characteristics and sources of nitrogen-containing organic compounds at a regional site in the North China Plain during the transition period of autumn and winter. <i>Science of the Total Environment</i> , 2021 , 151451	10.2	1
229	Changes of ammonia concentrations in wintertime on the North China Plain from 2018 to 2020. <i>Atmospheric Research</i> , 2021 , 253, 105490	5.4	8
228	Size-resolved refractive index of scattering aerosols in urban Beijing: A seasonal comparison. <i>Aerosol Science and Technology</i> , 2021 , 55, 1070-1083	3.4	0
227	Exploring the inorganic and organic nitrate aerosol formation regimes at a suburban site on the North China Plain. <i>Science of the Total Environment</i> , 2021 , 768, 144538	10.2	10
226	Size distribution of water-soluble metals in atmospheric particles in Xi'an, China: Seasonal variations, bioavailability, and health risk assessment. <i>Atmospheric Pollution Research</i> , 2021 , 12, 101090	4.5	2
225	Saccharides Emissions from Biomass and Coal Burning in Northwest China and Their Application in Source Contribution Estimation. <i>Atmosphere</i> , 2021 , 12, 821	2.7	1
224	Variation in PM sources in central North China Plain during 2017-2019: Response to mitigation strategies. <i>Journal of Environmental Management</i> , 2021 , 288, 112370	7.9	7
223	An Overview of Triggering Mechanisms and Characteristics of Local Strong Sandstorms in China and Haboobs. <i>Atmosphere</i> , 2021 , 12, 752	2.7	1
222	Parameterized atmospheric oxidation capacity and speciated OH reactivity over a suburban site in the North China Plain: A comparative study between summer and winter. <i>Science of the Total Environment</i> , 2021 , 773, 145264	10.2	3
221	Source apportionment of PM _{2.5} and its optical properties during a regional haze episode over north China plain. <i>Atmospheric Pollution Research</i> , 2021 , 12, 89-99	4.5	6
220	Effects of shipping emissions on cloud physical properties over coastal areas near Shanghai. <i>Science of the Total Environment</i> , 2021 , 753, 141742	10.2	0
219	Chemical composition, water content and size distribution of aerosols during different development stages of regional haze episodes over the North China Plain. <i>Atmospheric Environment</i> , 2021 , 245, 118020	5.3	10
218	Effect of source variation on the size and mixing state of black carbon aerosol in urban Beijing from 2013 to 2019: Implication on light absorption. <i>Environmental Pollution</i> , 2021 , 270, 116089	9.3	8
217	Spatial distribution and sources of winter black carbon and brown carbon in six Chinese megacities. <i>Science of the Total Environment</i> , 2021 , 762, 143075	10.2	14

216	Spectral absorption properties of organic carbon aerosol during a polluted winter in Beijing, China. <i>Science of the Total Environment</i> , 2021 , 755, 142600	10.2	3
215	Impact of deliquescence of aerosol on mass absorption efficiency of elemental carbon in fine particles in urban Guangzhou in south China. <i>Atmospheric Environment</i> , 2021 , 256, 118476	5.3	2
214	Long-term variation characteristics and influencing factors of low-visibility events on the coast of China. <i>Atmospheric Research</i> , 2021 , 257, 105583	5.4	2
213	Environmental and health risks of VOCs in the longest inner-city tunnel in Xi'an, Northwest China: Implication of impact from new energy vehicles. <i>Environmental Pollution</i> , 2021 , 282, 117057	9.3	2
212	Organic carbon and acidic ions in PM contributed to particle bioreactivity in Chinese megacities during haze episodes. <i>Environmental Science and Pollution Research</i> , 2021 , 1	5.1	0
211	Effects of chemical compositions in fine particles and their identified sources on hygroscopic growth factor during dry season in urban Guangzhou of South China. <i>Science of the Total Environment</i> , 2021 , 801, 149749	10.2	1
210	Water-Insoluble Organics Dominate Brown Carbon in Wintertime Urban Aerosol of China: Chemical Characteristics and Optical Properties. <i>Environmental Science & Technology</i> , 2020 , 54, 7836-7847	10.3	22
209	RANS Simulation of Local Strong Sandstorms Induced by a Cold Pool with Vorticity. <i>Atmosphere</i> , 2020 , 11, 321	2.7	1
208	Comprehensive Source Apportionment of Submicron Aerosol in Shijiazhuang, China: Secondary Aerosol Formation and Holiday Effects. <i>ACS Earth and Space Chemistry</i> , 2020 , 4, 947-957	3.2	2
207	Tracking ammonia morning peak, sources and transport with 1 Hz measurements at a rural site in North China Plain. <i>Atmospheric Environment</i> , 2020 , 235, 117630	5.3	12
206	Examining the physical and chemical contributions to size spectrum evolution during the development of hazes. <i>Scientific Reports</i> , 2020 , 10, 5347	4.9	2
205	Levels and sources of hourly PM-related elements during the control period of the COVID-19 pandemic at a rural site between Beijing and Tianjin. <i>Science of the Total Environment</i> , 2020 , 744, 140840 ^{10.2}	10.2	34
204	Significant decreases in the volatile organic compound concentration, atmospheric oxidation capacity and photochemical reactivity during the National Day holiday over a suburban site in the North China Plain. <i>Environmental Pollution</i> , 2020 , 263, 114657	9.3	12
203	Chemical composition and sources of submicron aerosols in winter at a regional site in Beijing-Tianjin-Hebei region: Implications for the Joint Action Plan. <i>Science of the Total Environment</i> , 2020 , 719, 137547	10.2	13
202	Source profiles of PM emitted from four typical open burning sources and its cytotoxicity to vascular smooth muscle cells. <i>Science of the Total Environment</i> , 2020 , 715, 136949	10.2	9
201	Effect of the coal to gas project on atmospheric NOX during the heating period at a suburban site between Beijing and Tianjin. <i>Atmospheric Research</i> , 2020 , 241, 104977	5.4	28
200	Stable oxygen isotope constraints on nitrate formation in Beijing in springtime. <i>Environmental Pollution</i> , 2020 , 263, 114515	9.3	11
199	Variation in black carbon concentration and aerosol optical properties in Beijing: Role of emission control and meteorological transport variability. <i>Chemosphere</i> , 2020 , 254, 126849	8.4	13

198	Characteristics of Surface Ozone in Five Provincial Capital Cities of China during 2014-2015. <i>Atmosphere</i> , 2020 , 11, 107	2.7	4
197	Measurement report: Source and mixing state of black carbon aerosol in the North China Plain: implications for radiative effect. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 15427-15442	6.8	10
196	Contrasting sources and processes of particulate species in haze days with low and high relative humidity in wintertime Beijing. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 9101-9114	6.8	17
195	Aerosols chemical composition, light extinction, and source apportionment near a desert margin city, Yulin, China. <i>PeerJ</i> , 2020 , 8, e8447	3.1	4
194	Real-time physiochemistry of urban aerosols during a regional haze episode by a single-particle aerosol mass spectrometer: Mixing state, size distribution and source apportionment. <i>Atmospheric Pollution Research</i> , 2020 , 11, 1329-1338	4.5	5
193	Enhanced aqueous-phase formation of secondary organic aerosols due to the regional biomass burning over North China Plain. <i>Environmental Pollution</i> , 2020 , 256, 113401	9.3	17
192	The formation and evolution of secondary organic aerosol during haze events in Beijing in wintertime. <i>Science of the Total Environment</i> , 2020 , 703, 134937	10.2	18
191	Atmospheric reactivity and oxidation capacity during summer at a suburban site between Beijing and Tianjin. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 8181-8200	6.8	9
190	Aerosol radiative effects and feedbacks on boundary layer meteorology and PM _{2.5} ; chemical components during winter haze events over the Beijing-Tianjin-Hebei region. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 8659-8690	6.8	16
189	High mass absorption efficiency of carbonaceous aerosols during the biomass burning season in Chiang Mai of northern Thailand. <i>Atmospheric Environment</i> , 2020 , 240, 117821	5.3	6
188	Changes in ammonia and its effects on PM chemical property in three winter seasons in Beijing, China. <i>Science of the Total Environment</i> , 2020 , 749, 142208	10.2	10
187	Pollution severity-dependent aerosol light scattering enhanced by inorganic species formation in Beijing haze. <i>Science of the Total Environment</i> , 2020 , 719, 137545	10.2	9
186	Ambient volatile organic compounds in a suburban site between Beijing and Tianjin: Concentration levels, source apportionment and health risk assessment. <i>Science of the Total Environment</i> , 2019 , 695, 133889	10.2	48
185	Spatial distribution of aerosol microphysical and optical properties and direct radiative effect from the China Aerosol Remote Sensing Network. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 11843-11864	6.8	65
184	Wintertime Optical Properties of Primary and Secondary Brown Carbon at a Regional Site in the North China Plain. <i>Environmental Science & Technology</i> , 2019 , 53, 12389-12397	10.3	27
183	LES simulation of flow field and pollutant dispersion in a street canyon under time-varying inflows with TimeVarying-SIMPLE approach. <i>Building and Environment</i> , 2019 , 157, 185-196	6.5	12
182	Impacts of short-term mitigation measures on PM _{2.5} and radiative effects: a case study at a regional background site near Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 1881-1899	6.8	13
181	Impact of particle number and mass size distributions of major chemical components on particle mass scattering efficiency in urban Guangzhou in southern China. <i>Atmospheric Chemistry and Physics</i> , 2019 , 19, 8471-8490	6.8	18

180	A study of the morphology and effective density of externally mixed black carbon aerosols in ambient air using a size-resolved single-particle soot photometer (SP2). <i>Atmospheric Measurement Techniques</i> , 2019 , 12, 4347-4359	4	15
179	Regional Air Quality Forecast Using a Machine Learning Method and the WRF Model over the Yangtze River Delta, East China. <i>Aerosol and Air Quality Research</i> , 2019 , 19, 1602-1613	4.6	3
178	Particle Liquid Water Content and Aerosol Acidity Acting as Indicators of Aerosol Activation Changes in Cloud Condensation Nuclei (CCN) during Pollution Eruption in Guangzhou of South China. <i>Aerosol and Air Quality Research</i> , 2019 , 9, 2662-2670	4.6	4
177	Optical properties and source identification of black carbon and brown carbon: comparison of winter and summer haze episodes in Xi'an, Northwest China. <i>Environmental Sciences: Processes and Impacts</i> , 2019 , 21, 2058-2069	4.3	4
176	Chemical source profiles of urban fugitive dust PM samples from 21 cities across China. <i>Science of the Total Environment</i> , 2019 , 649, 1045-1053	10.2	42
175	Origins of aerosol nitrate in Beijing during late winter through spring. <i>Science of the Total Environment</i> , 2019 , 653, 776-782	10.2	34
174	Measurement, normalisation and mapping of urban-scale wind environment in Xi'an, China. <i>Indoor and Built Environment</i> , 2019 , 28, 1171-1180	1.8	7
173	Characteristics of Mass Absorption Efficiency of Elemental Carbon in Urban Chengdu, Southwest China: Implication for the Coating Effects on Aerosol Absorption. <i>Aerosol Science and Engineering</i> , 2018 , 2, 33-41	1.6	1
172	Aerosol optical absorption coefficients at a rural site in Northwest China: The great contribution of dust particles. <i>Atmospheric Environment</i> , 2018 , 189, 145-152	5.3	14
171	Aircraft Measurement of Chemical Characteristics of PM _{2.5} over the Yangtze River Area in China. <i>Aerosol Science and Engineering</i> , 2018 , 2, 182-196	1.6	3
170	Diurnal and seasonal variability of PM _{2.5} and AOD in North China plain: Comparison of MERRA-2 products and ground measurements. <i>Atmospheric Environment</i> , 2018 , 191, 70-78	5.3	60
169	Influence of pollutants on activity of aerosol cloud condensation nuclei (CCN) during pollution and post-rain periods in Guangzhou, southern China. <i>Science of the Total Environment</i> , 2018 , 642, 1008-1019	10.2	14
168	Temporal Variation of Atmospheric Static Electric Field and Air Ions and their Relationships to Pollution in Shanghai. <i>Aerosol and Air Quality Research</i> , 2018 , 18, 1631-1641	4.6	6
167	Effects of Wintertime Polluted Aerosol on Clouds over the Yangtze River Delta: Case Study. <i>Aerosol and Air Quality Research</i> , 2018 , 18, 1799-1816	4.6	3
166	A Modeling Study of the Impact of Crop Residue Burning on PM _{2.5} Concentration in Beijing and Tianjin during a Severe Autumn Haze Event. <i>Aerosol and Air Quality Research</i> , 2018 , 18, 1558-1572	4.6	13
165	Impact of primary and secondary air supply intensity in stove on emissions of size-segregated particulate matter and carbonaceous aerosols from apple tree wood burning. <i>Atmospheric Research</i> , 2018 , 202, 33-39	5.4	25
164	Source-Specific Health Risk Analysis on Particulate Trace Elements: Coal Combustion and Traffic Emission As Major Contributors in Wintertime Beijing. <i>Environmental Science & Technology</i> , 2018 , 52, 10967-10974	10.3	68
163	Saccharides in summer and winter PM _{2.5} over Xi'an, Northwestern China: Sources, and yearly variations of biomass burning contribution to PM _{2.5} . <i>Atmospheric Research</i> , 2018 , 214, 410-417	5.4	30

162	Observational evidence of cloud processes contributing to daytime elevated nitrate in an urban atmosphere. <i>Atmospheric Environment</i> , 2018 , 186, 209-215	5.3	24
161	Brown Carbon Aerosol in Urban Xi'an, Northwest China: The Composition and Light Absorption Properties. <i>Environmental Science & Technology</i> , 2018 , 52, 6825-6833	10.3	86
160	Summertime ambient ammonia and its effects on ammonium aerosol in urban Beijing, China. <i>Science of the Total Environment</i> , 2017 , 579, 1521-1530	10.2	27
159	Impact of size distributions of major chemical components in fine particles on light extinction in urban Guangzhou. <i>Science of the Total Environment</i> , 2017 , 587-588, 240-247	10.2	18
158	Simulated impacts of direct radiative effects of scattering and absorbing aerosols on surface layer aerosol concentrations in China during a heavily polluted event in February 2014. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017 , 122, 5955-5975	4.4	40
157	Roles of regional transport and heterogeneous reactions in the PM increase during winter haze episodes in Beijing. <i>Science of the Total Environment</i> , 2017 , 599-600, 246-253	10.2	108
156	Investigation of hygroscopic growth effect on aerosol scattering coefficient at a rural site in the southern North China Plain. <i>Science of the Total Environment</i> , 2017 , 599-600, 76-84	10.2	23
155	Comparison of Aerosol Optical Properties Between Two Nearby Urban Sites in Beijing, China. <i>Aerosol Science and Engineering</i> , 2017 , 1, 78-92	1.6	1
154	Concentration and sources of atmospheric nitrous acid (HONO) at an urban site in Western China. <i>Science of the Total Environment</i> , 2017 , 593-594, 165-172	10.2	49
153	A review of current knowledge concerning PM _{2.5} ; chemical composition, aerosol optical properties, and their relationships across China 2017 ,		3
152	Comparison of aerosol and cloud condensation nuclei between wet and dry seasons in Guangzhou, southern China. <i>Science of the Total Environment</i> , 2017 , 607-608, 11-22	10.2	7
151	Source apportionment of PM at urban and suburban areas of the Pearl River Delta region, south China - With emphasis on ship emissions. <i>Science of the Total Environment</i> , 2017 , 574, 1559-1570	10.2	121
150	Size distribution and source of black carbon aerosol in urban Beijing during winter haze episodes. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 7965-7975	6.8	33
149	A review of current knowledge concerning PM _{2.5} ; chemical composition, aerosol optical properties and their relationships across China. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 9485-9518	6.8	184
148	Seasonal Variation and Health Risk Assessment of Heavy Metals in PM _{2.5} during Winter and Summer over Xi'an, China. <i>Atmosphere</i> , 2017 , 8, 91	2.7	20
147	A Case Study of Long-Range Transport of Smoke Aerosols from Eastern Siberia to Northeast China in July 2014. <i>Aerosol and Air Quality Research</i> , 2017 , 17, 965-974	4.6	6
146	Variations of Chemical Composition and Source Apportionment of PM _{2.5} during Winter Haze Episodes in Beijing. <i>Aerosol and Air Quality Research</i> , 2017 , 17, 2791-2803	4.6	19
145	Wintertime haze deterioration in Beijing by industrial pollution deduced from trace metal fingerprints and enhanced health risk by heavy metals. <i>Environmental Pollution</i> , 2016 , 208, 284-293	9.3	73

144	Ground-based remote sensing of aerosol climatology in China: Aerosol optical properties, direct radiative effect and its parameterization. <i>Atmospheric Environment</i> , 2016 , 124, 243-251	5.3	85
143	Modeling organic aerosols over east China using a volatility basis-set approach with aging mechanism in a regional air quality model. <i>Atmospheric Environment</i> , 2016 , 124, 186-198	5.3	38
142	Effect of ambient humidity on the light absorption amplification of black carbon in Beijing during January 2013. <i>Atmospheric Environment</i> , 2016 , 124, 217-223	5.3	52
141	Spatial distribution and temporal variation of aerosol optical depth in the Sichuan basin, China, the recent ten years. <i>Atmospheric Environment</i> , 2016 , 147, 434-445	5.3	54
140	New insights into PM _{2.5} chemical composition and sources in two major cities in China during extreme haze events using aerosol mass spectrometry. <i>Atmospheric Chemistry and Physics</i> , 2016 , 16, 3207-3225	6.8	236
139	Insights into a historic severe haze event in Shanghai: synoptic situation, boundary layer and pollutants. <i>Atmospheric Chemistry and Physics</i> , 2016 , 16, 9221-9234	6.8	50
138	A process-oriented evaluation of dust emission parameterizations in CESM: Simulation of a typical severe dust storm in East Asia. <i>Journal of Advances in Modeling Earth Systems</i> , 2016 , 8, 1432-1452	7.1	21
137	Chemical composition and bioreactivity of PM _{2.5} during 2013 haze events in China. <i>Atmospheric Environment</i> , 2016 , 126, 162-170	5.3	53
136	Uncertainty assessment of source attribution of PM(2.5) and its water-soluble organic carbon content using different biomass burning tracers in positive matrix factorization analysis--a case study in Beijing, China. <i>Science of the Total Environment</i> , 2016 , 543, 326-335	10.2	54
135	Enhanced haze pollution by black carbon in megacities in China. <i>Geophysical Research Letters</i> , 2016 , 43, 2873-2879	4.9	399
134	Seasonal variation and difference of aerosol optical properties in columnar and surface atmospheres over Shanghai. <i>Atmospheric Environment</i> , 2015 , 123, 315-326	5.3	62
133	Variations in PM _{2.5} , TSP, BC, and trace gases (NO ₂ , SO ₂ , and O ₃) between haze and non-haze episodes in winter over Xi'an, China. <i>Atmospheric Environment</i> , 2015 , 112, 64-71	5.3	82
132	Significant influence of fungi on coarse carbonaceous and potassium aerosols in a tropical rainforest. <i>Environmental Research Letters</i> , 2015 , 10, 034015	6.2	25
131	Characteristics and applications of size-segregated biomass burning tracers in China's Pearl River Delta region. <i>Atmospheric Environment</i> , 2015 , 102, 290-301	5.3	44
130	Control of PM _{2.5} in Guangzhou during the 16th Asian Games period: implication for hazy weather prevention. <i>Science of the Total Environment</i> , 2015 , 508, 57-66	10.2	40
129	Impacts of aerosol chemical compositions on optical properties in urban Beijing, China. <i>Particuology</i> , 2015 , 18, 155-164	2.8	27
128	PM _{2.5} and PM _{10-2.5} chemical composition and source apportionment near a Hong Kong roadway. <i>Particuology</i> , 2015 , 18, 96-104	2.8	79
127	Evolution of aerosol vertical distribution during particulate pollution events in Shanghai. <i>Journal of Meteorological Research</i> , 2015 , 29, 385-399	2.3	11

126	Characteristics of trace metals in traffic-derived particles in Hsuehshan Tunnel, Taiwan: size distribution, potential source, and fingerprinting metal ratio. <i>Atmospheric Chemistry and Physics</i> , 2015 , 15, 4117-4130	6.8	90
125	Ground-based aerosol climatology of China: aerosol optical depths from the China Aerosol Remote Sensing Network (CARSNET) 2002–2013. <i>Atmospheric Chemistry and Physics</i> , 2015 , 15, 7619-7652	6.8	185
124	Column-integrated aerosol optical properties and direct radiative forcing based on sun photometer measurements at a semi-arid rural site in Northeast China. <i>Atmospheric Research</i> , 2015 , 157, 56-65	5.4	40
123	Inter-Annual Variations of Cloud and Precipitation and their Possible Relationships with Surface Aerosols in Shanghai. <i>Aerosol and Air Quality Research</i> , 2015 , 15, 1367-1379	4.6	2
122	Spectral Light Absorption of Ambient Aerosols in Urban Beijing during Summer: An Intercomparison of Measurements from a Range of Instruments. <i>Aerosol and Air Quality Research</i> , 2015 , 15, 1178-1187	4.6	12
121	Surface and Column-Integrated Aerosol Properties of Heavy Haze Events in January 2013 over the North China Plain. <i>Aerosol and Air Quality Research</i> , 2015 , 15, 1514-1524	4.6	7
120	An Overview: Polycyclic Aromatic Hydrocarbon Emissions from the Stationary and Mobile Sources and in the Ambient Air. <i>Aerosol and Air Quality Research</i> , 2015 , 15, 2730-2762	4.6	57
119	Influence of aerosol hygroscopic growth parameterization on aerosol optical depth and direct radiative forcing over East Asia. <i>Atmospheric Research</i> , 2014 , 140-141, 14-27	5.4	24
118	Mixing State of Black Carbon Aerosol in a Heavily Polluted Urban Area of China: Implications for Light Absorption Enhancement. <i>Aerosol Science and Technology</i> , 2014 , 48, 689-697	3.4	100
117	Characterization and source apportionment of aerosol light extinction in Chengdu, southwest China. <i>Atmospheric Environment</i> , 2014 , 95, 552-562	5.3	58
116	Variability and predictability of Northeast China climate during 1948–2012. <i>Climate Dynamics</i> , 2014 , 43, 787-804	4.2	31
115	Diurnal and seasonal trends of carbonyl compounds in roadside, urban, and suburban environment of Hong Kong. <i>Atmospheric Environment</i> , 2014 , 89, 43-51	5.3	45
114	Characteristics and relevant remote sources of black carbon aerosol in Shanghai. <i>Atmospheric Research</i> , 2014 , 135-136, 159-171	5.4	33
113	Impact of PM _{2.5} chemical compositions on aerosol light scattering in Guangzhou [the largest megacity in South China]. <i>Atmospheric Research</i> , 2014 , 135-136, 48-58	5.4	142
112	Optical properties and chemical composition of PM _{2.5} in Shanghai in the spring of 2012. <i>Particuology</i> , 2014 , 13, 52-59	2.8	23
111	Impacts of new particle formation on aerosol cloud condensation nuclei (CCN) activity in Shanghai: case study. <i>Atmospheric Chemistry and Physics</i> , 2014 , 14, 11353-11365	6.8	27
110	Variations of cloud condensation nuclei (CCN) and aerosol activity during fog/haze episode: a case study from Shanghai. <i>Atmospheric Chemistry and Physics</i> , 2014 , 14, 12499-12512	6.8	32
109	Corrigendum to ‘‘Chemical characterization and source apportionment of PM _{2.5} in Beijing: seasonal perspective’’ published in Atmos. Chem. Phys., 13, 7053–7074, 2013. <i>Atmospheric Chemistry and Physics</i> , 2014 , 14, 175-175	6.8	10

108	An alternative method for estimating hygroscopic growth factor of aerosol light-scattering coefficient: a case study in an urban area of Guangzhou, South China. <i>Atmospheric Chemistry and Physics</i> , 2014 , 14, 7631-7644	6.8	22
107	PM _{2.5} pollution in a megacity of southwest China: source apportionment and implication. <i>Atmospheric Chemistry and Physics</i> , 2014 , 14, 8679-8699	6.8	243
106	Characterization of fine particulate black carbon in Guangzhou, a megacity of South China. <i>Atmospheric Pollution Research</i> , 2014 , 5, 361-370	4.5	26
105	Chemical profiles of urban fugitive dust over Xi'an in the south margin of the Loess Plateau, China. <i>Atmospheric Pollution Research</i> , 2014 , 5, 421-430	4.5	51
104	Seasonal Variation of Physical and Chemical Properties in TSP, PM ₁₀ and PM _{2.5} at a Roadside Site in Beijing and Their Influence on Atmospheric Visibility. <i>Aerosol and Air Quality Research</i> , 2014 , 14, 954-969	4.6	41
103	Seasonal Variation of Ammonia and Ammonium Aerosol at a Background Station in the Yangtze River Delta Region, China. <i>Aerosol and Air Quality Research</i> , 2014 , 14, 756-766	4.6	19
102	A Modeling Study of a Typical Winter PM _{2.5} Pollution Episode in a City in Eastern China. <i>Aerosol and Air Quality Research</i> , 2014 , 14, 311-322	4.6	10
101	Chemical composition of PM _{2.5} in an urban environment in Chengdu, China: Importance of springtime dust storms and biomass burning. <i>Atmospheric Research</i> , 2013 , 122, 270-283	5.4	183
100	Measurements of surface cloud condensation nuclei and aerosol activity in downtown Shanghai. <i>Atmospheric Environment</i> , 2013 , 69, 354-361	5.3	29
99	Molecular distribution and seasonal variation of hydrocarbons in PM _{2.5} from Beijing during 2006. <i>Particuology</i> , 2013 , 11, 78-85	2.8	22
98	Characterization of mercury concentrations in snow and potential sources, Shanghai, China. <i>Science of the Total Environment</i> , 2013 , 449, 434-42	10.2	7
97	Chemical composition of PM _{2.5} at an urban site of Chengdu in southwestern China. <i>Advances in Atmospheric Sciences</i> , 2013 , 30, 1070-1084	2.9	82
96	Characteristics of fine particulate non-polar organic compounds in Guangzhou during the 16th Asian Games: Effectiveness of air pollution controls. <i>Atmospheric Environment</i> , 2013 , 76, 94-101	5.3	53
95	Characteristics of Aerosol Optical Thickness as Well as the Relationship with NDVI in the Yangtze River Delta, China. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2013 , 24, 863	1.8	
94	Impact of relative humidity and particles number size distribution on aerosol light extinction in the urban area of Guangzhou. <i>Atmospheric Chemistry and Physics</i> , 2013 , 13, 1115-1128	6.8	36
93	Impact of Gobi desert dust on aerosol chemistry of Xi'an, inland China during spring 2009: differences in composition and size distribution between the urban ground surface and the mountain atmosphere. <i>Atmospheric Chemistry and Physics</i> , 2013 , 13, 819-835	6.8	93
92	Observation of biogenic secondary organic aerosols in the atmosphere of a mountain site in central China: temperature and relative humidity effects. <i>Atmospheric Chemistry and Physics</i> , 2013 , 13, 11535-11549	6.8	42
91	Chemical characterization and source apportionment of PM _{2.5} in Beijing: seasonal perspective. <i>Atmospheric Chemistry and Physics</i> , 2013 , 13, 7053-7074	6.8	912

90	Characterization and Source Apportionment of PM _{2.5} in an Urban Environment in Beijing. <i>Aerosol and Air Quality Research</i> , 2013 , 13, 574-583	4.6	272
89	Investigation of direct radiative effects of aerosols in dust storm season over East Asia with an online coupled regional climate-chemistry-aerosol model. <i>Atmospheric Environment</i> , 2012 , 54, 688-699	5.3	58
88	Quantification of carbonate carbon in aerosol filter samples using a modified thermal/optical carbon analyzer (M-TOCA). <i>Analytical Methods</i> , 2012 , 4, 2578	3.2	3
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