

# Ru-Jin Huang

## List of Publications by Year in descending order

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211  
papers

13,730  
citations

28274

55  
h-index

26613

107  
g-index

236  
all docs

236  
docs citations

236  
times ranked

10265  
citing authors

#	ARTICLE	IF	CITATIONS
1	Seasonal variations of anhydrosugars in PM <sub>2.5</sub> in the Pearl River Delta Region, China. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 66, 22577.	1.6	55
2	An automated method for thermal-optical separation of aerosol organic/elemental carbon for <sup>13</sup> C analysis at the sub-1/4gC level: A comprehensive assessment. <i>Science of the Total Environment</i> , 2022, 804, 150031.	8.0	5
3	Chemical characteristics and sources of organosulfates, organosulfonates, and carboxylic acids in aerosols in urban Xi'an, Northwest China. <i>Science of the Total Environment</i> , 2022, 810, 151187.	8.0	8
4	Organic aerosol formation and aging processes in Beijing constrained by size-resolved measurements of radiocarbon and stable isotopic <sup>13</sup> C. <i>Environment International</i> , 2022, 158, 106890.	10.0	6
5	Concentration, optical characteristics, and emission factors of brown carbon emitted by on-road vehicles. <i>Science of the Total Environment</i> , 2022, 810, 151307.	8.0	9
6	<sup>13</sup> C signatures of aerosol organic and elemental carbon from major combustion sources in China compared to worldwide estimates. <i>Science of the Total Environment</i> , 2022, 810, 151284.	8.0	8
7	Polycyclic aromatic hydrocarbons from cooking emissions. <i>Science of the Total Environment</i> , 2022, 818, 151700.	8.0	20
8	Large contribution from worship activities to the atmospheric soot particles in northwest China. <i>Environmental Pollution</i> , 2022, 299, 118907.	7.5	2
9	Multiple-Year Changes (2014–2018) in Particulate Vanadium Linked to Shipping Regulations in the World's Largest Port Region. <i>ACS Earth and Space Chemistry</i> , 2022, 6, 415-420.	2.7	4
10	Chemical signature and fractionation of trace elements in fine particles from anthropogenic and natural sources. <i>Journal of Environmental Sciences</i> , 2022, 114, 365-375.	6.1	1
11	Decay Kinetics and Absorption Changes of Methoxyphenols and Nitrophenols during Nitrate-Mediated Aqueous Photochemical Oxidation at 254 and 313 nm. <i>ACS Earth and Space Chemistry</i> , 2022, 6, 1115-1125.	2.7	6
12	Sea spray as an obscured source for marine cloud nuclei. <i>Nature Geoscience</i> , 2022, 15, 282-286.	12.9	27
13	Evidence of a Large Bias in Rooftop Measurements of Atmospheric Ammonia. <i>ACS Earth and Space Chemistry</i> , 2022, 6, 160-164.	2.7	1
14	Chromophoric Fingerprinting of Brown Carbon from Residential Biomass Burning. <i>Environmental Science and Technology Letters</i> , 2022, 9, 102-111.	8.7	20
15	Nonagricultural Emissions Dominate Urban Atmospheric Amines as Revealed by Mobile Measurements. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	7
16	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.	7.5	17
17	Spectral absorption properties of organic carbon aerosol during a polluted winter in Beijing, China. <i>Science of the Total Environment</i> , 2021, 755, 142600.	8.0	13
18	Characteristics of wintertime VOCs in urban Beijing: Composition and source apportionment. <i>Atmospheric Environment: X</i> , 2021, 9, 100100.	1.4	9

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19	A new method for long-term source apportionment with time-dependent factor profiles and uncertainty assessment using SoFi Pro: application to 1 year of organic aerosol data. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 923-943.	3.1	50
20	The formation and evolution of secondary organic aerosol during summer in Xi'an: Aqueous phase processing in fog-rain days. <i>Science of the Total Environment</i> , 2021, 756, 144077.	8.0	19
21	Measurement report: PM <sub>2.5</sub> -bound nitrated aromatic compounds in Xi'an, Northwest China – seasonal variations and contributions to optical properties of brown carbon. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 3685-3697.	4.9	18
22	Brown Carbon in Primary and Aged Coal Combustion Emission. <i>Environmental Science &amp; Technology</i> , 2021, 55, 5701-5710.	10.0	31
23	The maximum carbonyl ratio (MCR) as a new index for the structural classification of secondary organic aerosol components. <i>Rapid Communications in Mass Spectrometry</i> , 2021, 35, e9113.	1.5	13
24	Interactions of organosulfates with water vapor under sub- and supersaturated conditions. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 7135-7148.	4.9	16
25	Seasonal Trends of Aerosol Hygroscopicity and Mixing State in Clean Marine and Polluted Continental Air Masses Over the Northeast Atlantic. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2020JD033851.	3.3	5
26	Secondary Organic Aerosol Formation of Fleet Vehicle Emissions in China: Potential Seasonality of Spatial Distributions. <i>Environmental Science &amp; Technology</i> , 2021, 55, 7276-7286.	10.0	20
27	Black Carbon and Secondary Brown Carbon, the Dominant Light Absorption and Direct Radiative Forcing Contributors of the Atmospheric Aerosols Over the Tibetan Plateau. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL092524.	4.0	12
28	The impact of aerosol size-dependent hygroscopicity and mixing state on the cloud condensation nuclei potential over the north-east Atlantic. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 8655-8675.	4.9	3
29	Urban organic aerosol composition in eastern China differs from north to south: molecular insight from a liquid chromatography–mass spectrometry (Orbitrap) study. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 9089-9104.	4.9	25
30	Characteristics and sources of hourly elements in PM <sub>10</sub> and PM <sub>2.5</sub> during wintertime in Beijing. <i>Environmental Pollution</i> , 2021, 278, 116865.	7.5	38
31	Quantification of solid fuel combustion and aqueous chemistry contributions to secondary organic aerosol during wintertime haze events in Beijing. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 9859-9886.	4.9	20
32	Enhanced formation of secondary organic aerosol from photochemical oxidation during the COVID-19 lockdown in a background site in Northwest China. <i>Science of the Total Environment</i> , 2021, 778, 144947.	8.0	19
33	The roles of aqueous-phase chemistry and photochemical oxidation in oxygenated organic aerosols formation. <i>Atmospheric Environment</i> , 2021, 266, 118738.	4.1	14
34	Measurement report of the change of PM <sub>2.5</sub> composition during the COVID-19 lockdown in urban Xi'an: Enhanced secondary formation and oxidation. <i>Science of the Total Environment</i> , 2021, 791, 148126.	8.0	14
35	Concentrations, optical properties and sources of humic-like substances (HULIS) in fine particulate matter in Xi'an, Northwest China. <i>Science of the Total Environment</i> , 2021, 789, 147902.	8.0	10
36	Highly time-resolved measurements of element concentrations in PM <sub>10</sub> and PM <sub>2.5</sub> : comparison of Delhi, Beijing, London, and Krakow. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 717-730.	4.9	19

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37	Primary and Secondary Organic Nitrate in Northwest China: A Case Study. <i>Environmental Science and Technology Letters</i> , 2021, 8, 947-953.	8.7	9
38	Enhanced Nitrite Production from the Aqueous Photolysis of Nitrate in the Presence of Vanillic Acid and Implications for the Roles of Light-Absorbing Organics. <i>Environmental Science &amp; Technology</i> , 2021, 55, 15694-15704.	10.0	25
39	Impact of the COVID-19 pandemic and control measures on air quality and aerosol light absorption in Southwestern China. <i>Science of the Total Environment</i> , 2020, 749, 141419.	8.0	40
40	One-year characterization of organic aerosol markers in urban Beijing: Seasonal variation and spatiotemporal comparison. <i>Science of the Total Environment</i> , 2020, 743, 140689.	8.0	9
41	Alkanes and PAHs in the Southeastern Tibetan Plateau: Characteristics and Correlations With Brown Carbon Light Absorption. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2020JD032666.	3.3	10
42	Characterization of the light-absorbing properties, chromophore composition and sources of brown carbon aerosol in Xi'an, northwestern China. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 5129-5144.	4.9	54
43	Water-Insoluble Organics Dominate Brown Carbon in Wintertime Urban Aerosol of China: Chemical Characteristics and Optical Properties. <i>Environmental Science &amp; Technology</i> , 2020, 54, 7836-7847.	10.0	72
44	Chemical nature and sources of fine particles in urban Beijing: Seasonality and formation mechanisms. <i>Environment International</i> , 2020, 140, 105732.	10.0	26
45	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.	2.7	9
46	Sea-spray regulates sulfate cloud droplet activation over oceans. <i>Npj Climate and Atmospheric Science</i> , 2020, 3, .	6.8	32
47	Puzzling Haze Events in China During the Coronavirus (COVID-19) Shutdown. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088533.	4.0	165
48	Aerosol hygroscopicity and its link to chemical composition in the coastal atmosphere of Mace Head: marine and continental air masses. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 3777-3791.	4.9	19
49	Light absorption of brown carbon in PM <sub>2.5</sub> in the Three Gorges Reservoir region, southwestern China: Implications of biomass burning and secondary formation. <i>Atmospheric Environment</i> , 2020, 229, 117409.	4.1	18
50	Characteristics and potential exposure risks of environmentally persistent free radicals in PM <sub>2.5</sub> in the three gorges reservoir area, Southwestern China. <i>Chemosphere</i> , 2020, 252, 126425.	8.2	24
51	Characterization of anthropogenic organic aerosols by TOF-ACSM with the new capture vaporizer. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 2457-2472.	3.1	33
52	Metallic elements and Pb isotopes in PM <sub>2.5</sub> in three Chinese typical megacities: spatial distribution and source apportionment. <i>Environmental Sciences: Processes and Impacts</i> , 2020, 22, 1718-1730.	3.5	8
53	Impact of city lockdown on the air quality of COVID-19-hit of Wuhan city. <i>Science of the Total Environment</i> , 2020, 742, 140556.	8.0	226
54	Effects of NH <sub>3</sub> and alkaline metals on the formation of particulate sulfate and nitrate in wintertime Beijing. <i>Science of the Total Environment</i> , 2020, 717, 137190.	8.0	26

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55	Brown carbon aerosol in two megacities in the Sichuan Basin of southwestern China: Light absorption properties and implications. <i>Science of the Total Environment</i> , 2020, 719, 137483.	8.0	48
56	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.	8.2	21
57	Summertime and wintertime atmospheric processes of secondary aerosol in Beijing. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 3793-3807.	4.9	55
58	Seasonal variations in the sources of organic aerosol in Xi'an, Northwest China: The importance of biomass burning and secondary formation. <i>Science of the Total Environment</i> , 2020, 737, 139666.	8.0	16
59	Tropospheric aerosol hygroscopicity in China. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 13877-13903.	4.9	14
60	Measurement report: dual-carbon isotopic characterization of carbonaceous aerosol reveals different primary and secondary sources in Beijing and Xi'an during severe haze events. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 16041-16053.	4.9	17
61	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.	4.9	34
62	The impact of traffic on air quality in Ireland: insights from the simultaneous kerbside and suburban monitoring of submicron aerosols. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 10513-10529.	4.9	10
63	Atmospheric Processing of Loess Particles in a Polluted Urban Area of Northwestern China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 7919-7929.	3.3	5
64	Exploring the impact of chemical composition on aerosol light extinction during winter in a heavily polluted urban area of China. <i>Journal of Environmental Management</i> , 2019, 247, 766-775.	7.8	13
65	Cellular Responses to Exposure to Outdoor Air from the Chinese Spring Festival at the Air-Liquid Interface. <i>Environmental Science &amp; Technology</i> , 2019, 53, 9128-9138.	10.0	9
66	Characteristics of wintertime VOCs in suburban and urban Beijing: concentrations, emission ratios, and festival effects. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 8021-8036.	4.9	55
67	Distinctions in source regions and formation mechanisms of secondary aerosol in Beijing from summer to winter. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 10319-10334.	4.9	42
68	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.	3.1	20
69	Determination of n-alkanes, polycyclic aromatic hydrocarbons and hopanes in atmospheric aerosol: evaluation and comparison of thermal desorption GC-MS and solvent extraction GC-MS approaches. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 4779-4789.	3.1	15
70	Radical Formation by Fine Particulate Matter Associated with Highly Oxygenated Molecules. <i>Environmental Science &amp; Technology</i> , 2019, 53, 12506-12518.	10.0	45
71	High contributions of fossil sources to more volatile organic aerosol. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 10405-10422.	4.9	8
72	Differing toxicity of ambient particulate matter (PM) in global cities. <i>Atmospheric Environment</i> , 2019, 212, 305-315.	4.1	51

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73	Molecular Characterization and Source Identification of Atmospheric Particulate Organosulfates Using Ultrahigh Resolution Mass Spectrometry. <i>Environmental Science &amp; Technology</i> , 2019, 53, 6192-6202.	10.0	34
74	Severe haze in northern China: A synergy of anthropogenic emissions and atmospheric processes. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 8657-8666.	7.1	609
75	Water adsorption and hygroscopic growth of six anemophilous pollen species: the effect of temperature. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 2247-2258.	4.9	35
76	Characterization of urban amine-containing particles in southwestern China: seasonal variation, source, and processing. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 3245-3255.	4.9	45
77	Primary emissions versus secondary formation of fine particulate matter in the most polluted city (Shijiazhuang) in North China. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 2283-2298.	4.9	74
78	Wintertime secondary organic aerosol formation in Beijing–Tianjin–Hebei (BTH): contributions of HONO sources and heterogeneous reactions. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 2343-2359.	4.9	83
79	Predominance of secondary organic aerosol to particle-bound reactive oxygen species activity in fine ambient aerosol. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 14703-14720.	4.9	31
80	Summertime Aerosol over the West of Ireland Dominated by Secondary Aerosol during Long-Range Transport. <i>Atmosphere</i> , 2019, 10, 59.	2.3	7
81	Sources and formation of carbonaceous aerosols in Xi'an, China: primary emissions and secondary formation constrained by radiocarbon. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 15609-15628.	4.9	15
82	Impacts of methanesulfonate on the cloud condensation nucleation activity of sea salt aerosol. <i>Atmospheric Environment</i> , 2019, 201, 13-17.	4.1	18
83	Characterization of the chemical components and bioreactivity of fine particulate matter produced during crop-residue burning in China. <i>Environmental Pollution</i> , 2019, 245, 226-234.	7.5	26
84	Mercury stable isotope compositions of Chinese urban fine particulates in winter haze days: Implications for Hg sources and transformations. <i>Chemical Geology</i> , 2019, 504, 267-275.	3.3	30
85	Synthesis and Applications of Nanomaterials With High Photocatalytic Activity on Air Purification. , 2019, , 299-325.		4
86	Chemical characteristics of airborne particles in Xi'an, inland China during dust storm episodes: Implications for heterogeneous formation of ammonium nitrate and enhancement of N-deposition. <i>Environmental Pollution</i> , 2019, 244, 877-884.	7.5	23
87	Technical Note: An Automated System for Separate Combustion of Elemental and Organic Carbon for 14C Analysis of Carbonaceous Aerosol. <i>Aerosol and Air Quality Research</i> , 2019, 19, 2604-2611.	2.1	3
88	Wintertime aerosol dominated by solid-fuel-burning emissions across Ireland: insight into the spatial and chemical variation in submicron aerosol. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 14091-14106.	4.9	14
89	Characterization of Gas-Phase Organics Using Proton Transfer Reaction Time-of-Flight Mass Spectrometry: Residential Coal Combustion. <i>Environmental Science &amp; Technology</i> , 2018, 52, 2612-2617.	10.0	30
90	Light absorption properties of brown carbon over the southeastern Tibetan Plateau. <i>Science of the Total Environment</i> , 2018, 625, 246-251.	8.0	54

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91	Large contribution of fossil fuel derived secondary organic carbon to water soluble organic aerosols in winter haze in China. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 4005-4017.	4.9	49
92	Biomass burning influences determination based on PM 2.5 chemical composition combined with fire counts at southeastern Tibetan Plateau during pre-monsoon period. <i>Atmospheric Research</i> , 2018, 206, 108-116.	4.1	14
93	Identification of secondary aerosol precursors emitted by an aircraft turbofan. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 7379-7391.	4.9	14
94	Source apportionment of carbonaceous aerosols in Xi'an, China: insights from a full year of measurements of radiocarbon and the stable isotope $\delta^{13}C$ . <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 16363-16383.	4.9	62
95	Organosulfates in atmospheric aerosol: synthesis and quantitative analysis of $PM_{2.5}$ from Xi'an, northwestern China. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 3447-3456.	3.1	44
96	Source-Specific Health Risk Analysis on Particulate Trace Elements: Coal Combustion and Traffic Emission As Major Contributors in Wintertime Beijing. <i>Environmental Science &amp; Technology</i> , 2018, 52, 10967-10974.	10.0	125
97	Extreme air pollution from residential solid fuel burning. <i>Nature Sustainability</i> , 2018, 1, 512-517.	23.7	59
98	Brown Carbon Aerosol in Urban Xi'an, Northwest China: The Composition and Light Absorption Properties. <i>Environmental Science &amp; Technology</i> , 2018, 52, 6825-6833.	10.0	149
99	Single particle characterization of summertime particles in Xi'an (China). <i>Science of the Total Environment</i> , 2018, 636, 1279-1290.	8.0	15
100	UHPLC-Orbitrap mass spectrometric characterization of organic aerosol from a central European city (Mainz, Germany) and a Chinese megacity (Beijing). <i>Atmospheric Environment</i> , 2018, 189, 22-29.	4.1	62
101	Contributions of residential coal combustion to the air quality in Beijing-Tianjin-Hebei (BTH), China: a case study. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 10675-10691.	4.9	60
102	A study of elevated pollution layer over the North China Plain using aircraft measurements. <i>Atmospheric Environment</i> , 2018, 190, 188-194.	4.1	29
103	Global Survey of Antibiotic Resistance Genes in Air. <i>Environmental Science &amp; Technology</i> , 2018, 52, 10975-10984.	10.0	227
104	Indoor secondary organic aerosols formation from ozonolysis of monoterpene: An example of d-limonene with ammonia and potential impacts on pulmonary inflammations. <i>Science of the Total Environment</i> , 2017, 579, 212-220.	8.0	26
105	A 10-year observation of PM <sub>2.5</sub> -bound nickel in Xi'an, China: Effects of source control on its trend and associated health risks. <i>Scientific Reports</i> , 2017, 7, 41132.	3.3	26
106	Spectral dependence of aerosol light absorption at an urban and a remote site over the Tibetan Plateau. <i>Science of the Total Environment</i> , 2017, 590-591, 14-21.	8.0	60
107	Variation in Day-of-Week and Seasonal Concentrations of Atmospheric PM <sub>2.5</sub> -Bound Metals and Associated Health Risks in Bangkok, Thailand. <i>Archives of Environmental Contamination and Toxicology</i> , 2017, 72, 364-379.	4.1	35
108	Black carbon aerosol and its radiative impact at a high-altitude remote site on the southeastern Tibet Plateau. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 5515-5530.	3.3	36

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109	Effects of photochemical oxidation on the mixing state and light absorption of black carbon in the urban atmosphere of China. <i>Environmental Research Letters</i> , 2017, 12, 044012.	5.2	35
110	Long-term trend of O <sub>3</sub> in a mega City (Shanghai), China: Characteristics, causes, and interactions with precursors. <i>Science of the Total Environment</i> , 2017, 603-604, 425-433.	8.0	152
111	Source characterization of urban particles from meat smoking activities in Chongqing, China using single particle aerosol mass spectrometry. <i>Environmental Pollution</i> , 2017, 228, 92-101.	7.5	35
112	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.	8.0	75
113	Characterization of Gas-Phase Organics Using Proton Transfer Reaction Time-of-Flight Mass Spectrometry: Aircraft Turbine Engines. <i>Environmental Science &amp; Technology</i> , 2017, 51, 3621-3629.	10.0	6
114	Chemical composition, sources and secondary processes of aerosols in Baoji city of northwest China. <i>Atmospheric Environment</i> , 2017, 158, 128-137.	4.1	60
115	Characteristics of carbonaceous particles from residential coal combustion and agricultural biomass burning in China. <i>Atmospheric Pollution Research</i> , 2017, 8, 521-527.	3.8	58
116	Characterizing the composition and evolution of and urban particles in Chongqing (China) during summertime. <i>Atmospheric Research</i> , 2017, 187, 84-94.	4.1	22
117	Effect of hydrolysis of N <sub>2</sub> O <sub>5</sub> on nitrate and ammonium formation in Beijing China: WRF-Chem model simulation. <i>Science of the Total Environment</i> , 2017, 579, 221-229.	8.0	44
118	Real-Time Characterization of Aerosol Particle Composition During Winter High-Pollution Events in China. , 2017, , 221-244.		0
119	Sources and Chemical Composition of Particulate Matter During Haze Pollution Events in China. , 2017, , 49-68.		2
120	Seasonal variation, spatial distribution and source apportionment for polycyclic aromatic hydrocarbons (PAHs) at nineteen communities in Xi'an, China: The effects of suburban scattered emissions in winter. <i>Environmental Pollution</i> , 2017, 231, 1330-1343.	7.5	41
121	Optical Properties of Aerosols and Implications for Radiative Effects in Beijing During the Asia-Pacific Economic Cooperation Summit 2014. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 10,119.	3.3	13
122	PM <sub>2.5</sub> emissions and source profiles from open burning of crop residues. <i>Atmospheric Environment</i> , 2017, 169, 229-237.	4.1	50
123	Characterization of Primary Organic Aerosol from Domestic Wood, Peat, and Coal Burning in Ireland. <i>Environmental Science &amp; Technology</i> , 2017, 51, 10624-10632.	10.0	31
124	Severe Pollution in China Amplified by Atmospheric Moisture. <i>Scientific Reports</i> , 2017, 7, 15760.	3.3	151
125	Gasoline cars produce more carbonaceous particulate matter than modern filter-equipped diesel cars. <i>Scientific Reports</i> , 2017, 7, 4926.	3.3	133
126	Optical properties and possible sources of brown carbon in PM 2.5 over Xi'an, China. <i>Atmospheric Environment</i> , 2017, 150, 322-330.	4.1	96



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127	Particulate matters emitted from maize straw burning for winter heating in rural areas in Guanzhong Plain, China: Current emission and future reduction. <i>Atmospheric Research</i> , 2017, 184, 66-76.	4.1	109
128	Warming Effects on Ecosystem Carbon Fluxes Are Modulated by Plant Functional Types. <i>Ecosystems</i> , 2017, 20, 515-526.	3.4	54
129	Contributions of trans-boundary transport to summertime air quality in Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 2035-2051.	4.9	69
130	A possible pathway for rapid growth of sulfate during haze days in China. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 3301-3316.	4.9	193
131	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.	4.9	53
132	Impacts of meteorological uncertainties on the haze formation in Beijing–Tianjin–Hebei (BTH) during wintertime: a case study. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 14579-14591.	4.9	56
133	Black Carbon Aerosols at Mt. Muztagh Ata, a High-Altitude Location in the Western Tibetan Plateau. <i>Aerosol and Air Quality Research</i> , 2016, 16, 752-763.	2.1	13
134	Seasonal Variation, Sources and Transport of Aerosols at Lijiang, Southeast Tibetan Plateau. <i>Aerosol and Air Quality Research</i> , 2016, 16, 1579-1590.	2.1	10
135	Characterization and source apportionment of organic aerosol using offline aerosol mass spectrometry. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 23-39.	3.1	110
136	Size distribution and mixing state of refractory black carbon aerosol from a coastal city in South China. <i>Atmospheric Research</i> , 2016, 181, 163-171.	4.1	31
137	Chemical profiles of urban fugitive dust PM <sub>2.5</sub> samples in Northern Chinese cities. <i>Science of the Total Environment</i> , 2016, 569-570, 619-626.	8.0	104
138	Reconstruction of atmospheric soot history in inland regions from lake sediments over the past 150 years. <i>Scientific Reports</i> , 2016, 6, 19151.	3.3	52
139	Effect of heavy haze and aerosol pollution on rice and wheat productions in China. <i>Scientific Reports</i> , 2016, 6, 29612.	3.3	103
140	Carbonaceous aerosols in megacity Xi'an, China: Implications of thermal/optical protocols comparison. <i>Atmospheric Environment</i> , 2016, 132, 58-68.	4.1	50
141	Contribution of regional transport to the black carbon aerosol during winter haze period in Beijing. <i>Atmospheric Environment</i> , 2016, 132, 11-18.	4.1	64
142	Azaarenes in fine particulate matter from the atmosphere of a Chinese megacity. <i>Environmental Science and Pollution Research</i> , 2016, 23, 16025-16036.	5.3	18
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