

# Qi Ying

## List of Publications by Citations

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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.

154  
papers

6,220  
citations

41  
h-index

73  
g-index

165  
ext. papers

7,662  
ext. citations

8  
avg, IF

6.22  
L-index

#	Paper	IF	Citations
154	Formation of urban fine particulate matter. <i>Chemical Reviews</i> , <b>2015</b> , 115, 3803-55	68.1	717
153	Spatial and temporal variations of six criteria air pollutants in 31 provincial capital cities in China during 2013-2014. <i>Environment International</i> , <b>2014</b> , 73, 413-22	12.9	363
152	Spatial and temporal variability of PM <sub>2.5</sub> and PM <sub>10</sub> over the North China Plain and the Yangtze River Delta, China. <i>Atmospheric Environment</i> , <b>2014</b> , 95, 598-609	5.3	306
151	Relationships between meteorological parameters and criteria air pollutants in three megacities in China. <i>Environmental Research</i> , <b>2015</b> , 140, 242-54	7.9	258
150	One-year simulation of ozone and particulate matter in China using WRF/CMAQ modeling system. <i>Atmospheric Chemistry and Physics</i> , <b>2016</b> , 16, 10333-10350	6.8	173
149	Source apportionment of PM <sub>2.5</sub> nitrate and sulfate in China using a source-oriented chemical transport model. <i>Atmospheric Environment</i> , <b>2012</b> , 62, 228-242	5.3	156
148	Characterizing multi-pollutant air pollution in China: Comparison of three air quality indices. <i>Environment International</i> , <b>2015</b> , 84, 17-25	12.9	123
147	Source contributions to the regional distribution of secondary particulate matter in California. <i>Atmospheric Environment</i> , <b>2006</b> , 40, 736-752	5.3	120
146	Premature Mortality Attributable to Particulate Matter in China: Source Contributions and Responses to Reductions. <i>Environmental Science &amp; Technology</i> , <b>2017</b> , 51, 9950-9959	10.3	116
145	Local and inter-regional contributions to PM <sub>2.5</sub> nitrate and sulfate in China. <i>Atmospheric Environment</i> , <b>2014</b> , 94, 582-592	5.3	111
144	Source contributions and regional transport of primary particulate matter in China. <i>Environmental Pollution</i> , <b>2015</b> , 207, 31-42	9.3	106
143	Preconception and early pregnancy air pollution exposures and risk of gestational diabetes mellitus. <i>Environmental Research</i> , <b>2015</b> , 137, 316-22	7.9	102
142	Sources of particulate matter in China: Insights from source apportionment studies published in 1987-2017. <i>Environment International</i> , <b>2018</b> , 115, 343-357	12.9	95
141	Modeling biogenic and anthropogenic secondary organic aerosol in China. <i>Atmospheric Chemistry and Physics</i> , <b>2017</b> , 17, 77-92	6.8	87
140	Responses of PM and O concentrations to changes of meteorology and emissions in China. <i>Science of the Total Environment</i> , <b>2019</b> , 662, 297-306	10.2	85
139	Source apportionment of PM in North India using source-oriented air quality models. <i>Environmental Pollution</i> , <b>2017</b> , 231, 426-436	9.3	82
138	Significant Contributions of Isoprene to Summertime Secondary Organic Aerosol in Eastern United States. <i>Environmental Science &amp; Technology</i> , <b>2015</b> , 49, 7834-42	10.3	74

137	Dominant Mechanisms that Shape the Airborne Particle Size and Composition Distribution in Central California. <i>Aerosol Science and Technology</i> , <b>2006</b> , 40, 827-844	3.4	74
136	The impact of power generation emissions on ambient PM pollution and human health in China and India. <i>Environment International</i> , <b>2018</b> , 121, 250-259	12.9	70
135	Source contributions to primary and secondary inorganic particulate matter during a severe wintertime PM <sub>2.5</sub> pollution episode in Xi'an, China. <i>Atmospheric Environment</i> , <b>2014</b> , 97, 182-194	5.3	63
134	Source apportionment of fine particulate matter in China in 2013 using a source-oriented chemical transport model. <i>Science of the Total Environment</i> , <b>2017</b> , 601-602, 1476-1487	10.2	60
133	Year-long simulation of gaseous and particulate air pollutants in India. <i>Atmospheric Environment</i> , <b>2018</b> , 180, 244-255	5.3	58
132	Identifying PM <sub>2.5</sub> and PM <sub>0.1</sub> sources for epidemiological studies in California. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 4980-90	10.3	58
131	Evaluation of observation-fused regional air quality model results for population air pollution exposure estimation. <i>Science of the Total Environment</i> , <b>2014</b> , 485-486, 563-574	10.2	58
130	Source apportionment of PM for 25 Chinese provincial capitals and municipalities using a source-oriented Community Multiscale Air Quality model. <i>Science of the Total Environment</i> , <b>2018</b> , 612, 462-471	10.2	57
129	Atmospheric wet deposition of sulfur and nitrogen in Jiuzhaigou National Nature Reserve, Sichuan Province, China. <i>Science of the Total Environment</i> , <b>2015</b> , 511, 28-36	10.2	56
128	Source apportionment of sulfate and nitrate particulate matter in the Eastern United States and effectiveness of emission control programs. <i>Science of the Total Environment</i> , <b>2014</b> , 490, 171-81	10.2	53
127	Secondary organic aerosol formation and source apportionment in Southeast Texas. <i>Atmospheric Environment</i> , <b>2011</b> , 45, 3217-3227	5.3	52
126	Impacts of shipping emissions on PM <sub>2.5</sub> pollution in China. <i>Atmospheric Chemistry and Physics</i> , <b>2018</b> , 18, 15811-15824	6.8	52
125	Modeling air quality during the California Regional PM <sub>10</sub> /PM <sub>2.5</sub> Air Quality Study (CRPAQS) using the UCD/CIT source-oriented air quality model (Part I. Base case model results. <i>Atmospheric Environment</i> , <b>2008</b> , 42, 8954-8966	5.3	50
124	Modeling particulate matter in the San Joaquin Valley with a source-oriented externally mixed three-dimensional photochemical grid model. <i>Atmospheric Environment</i> , <b>2004</b> , 38, 3689-3711	5.3	50
123	Modeling regional secondary organic aerosol using the Master Chemical Mechanism. <i>Atmospheric Environment</i> , <b>2015</b> , 102, 52-61	5.3	49
122	Evaluation of a seven-year air quality simulation using the Weather Research and Forecasting (WRF)/Community Multiscale Air Quality (CMAQ) models in the eastern United States. <i>Science of the Total Environment</i> , <b>2014</b> , 473-474, 275-85	10.2	49
121	Contributions of local and regional sources of NO <sub>x</sub> to ozone concentrations in Southeast Texas. <i>Atmospheric Environment</i> , <b>2011</b> , 45, 2877-2887	5.3	46
120	Source apportionment of secondary organic aerosol during a severe photochemical smog episode. <i>Atmospheric Environment</i> , <b>2007</b> , 41, 576-591	5.3	45

119	Current and future emissions of primary pollutants from coal-fired power plants in Shaanxi, China. <i>Science of the Total Environment</i> , <b>2017</b> , 595, 505-514	10.2	44
118	Evaluation of on-road vehicle CO and NOx National Emission Inventories using an urban-scale source-oriented air quality model. <i>Atmospheric Environment</i> , <b>2014</b> , 85, 99-108	5.3	44
117	Predicting primary PM2.5 and PM0.1 trace composition for epidemiological studies in California. <i>Environmental Science &amp; Technology</i> , <b>2014</b> , 48, 4971-9	10.3	44
116	Source contributions of volatile organic compounds to ozone formation in southeast Texas. <i>Journal of Geophysical Research</i> , <b>2010</b> , 115,		44
115	Impacts of Stabilized Criegee Intermediates, surface uptake processes and higher aromatic secondary organic aerosol yields on predicted PM2.5 concentrations in the Mexico City Metropolitan Zone. <i>Atmospheric Environment</i> , <b>2014</b> , 94, 438-447	5.3	43
114	A comparison of the UCD/CIT air quality model and the CMB source-receptor model for primary airborne particulate matter. <i>Atmospheric Environment</i> , <b>2005</b> , 39, 2281-2297	5.3	43
113	Verification of a source-oriented externally mixed air quality model during a severe photochemical smog episode. <i>Atmospheric Environment</i> , <b>2007</b> , 41, 1521-1538	5.3	41
112	Attribution of Tropospheric Ozone to NO and VOC Emissions: Considering Ozone Formation in the Transition Regime. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 1404-1412	10.3	40
111	Particulate air quality model predictions using prognostic vs. diagnostic meteorology in central California. <i>Atmospheric Environment</i> , <b>2010</b> , 44, 215-226	5.3	39
110	Ozone pollution over China and India: seasonality and sources. <i>Atmospheric Chemistry and Physics</i> , <b>2020</b> , 20, 4399-4414	6.8	38
109	Ensemble prediction of air quality using the WRF/CMAQ model system for health effect studies in China. <i>Atmospheric Chemistry and Physics</i> , <b>2017</b> , 17, 13103-13118	6.8	38
108	Source apportionment of wintertime secondary organic aerosol during the California regional PM10/PM2.5 air quality study. <i>Atmospheric Environment</i> , <b>2010</b> , 44, 1331-1340	5.3	38
107	Source-Receptor Relationship Revealed by the Halted Traffic and Aggravated Haze in Beijing during the COVID-19 Lockdown. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 15660-15670	10.3	38
106	Source apportionment of secondary organic aerosol in China using a regional source-oriented chemical transport model and two emission inventories. <i>Environmental Pollution</i> , <b>2018</b> , 237, 756-766	9.3	38
105	Regional contributions to airborne particulate matter in central California during a severe pollution episode. <i>Atmospheric Environment</i> , <b>2009</b> , 43, 1218-1228	5.3	37
104	Long-term particulate matter modeling for health effect studies in California [Part 1: Model performance on temporal and spatial variations. <i>Atmospheric Chemistry and Physics</i> , <b>2015</b> , 15, 3445-3461	6.8	36
103	Modeling air quality during the California Regional PM10/PM2.5 Air Quality Study (CPRAQS) using the UCD/CIT Source Oriented Air Quality Model [Part II. Regional source apportionment of primary airborne particulate matter. <i>Atmospheric Environment</i> , <b>2008</b> , 42, 8967-8978	5.3	36
102	Investigating the PM mass concentration growth processes during 2013-2016 in Beijing and Shanghai. <i>Chemosphere</i> , <b>2019</b> , 221, 452-463	8.4	36

101	Quantifying primary and secondary humic-like substances in urban aerosol based on emission source characterization and a source-oriented air quality model. <i>Atmospheric Chemistry and Physics</i> , <b>2019</b> , 19, 2327-2341	6.8	34
100	Source apportionment of visibility impairment using a three-dimensional source-oriented air quality model. <i>Environmental Science &amp; Technology</i> , <b>2004</b> , 38, 1089-101	10.3	34
99	Sources of humic-like substances (HULIS) in PM in Beijing: Receptor modeling approach. <i>Science of the Total Environment</i> , <b>2019</b> , 671, 765-775	10.2	33
98	Preterm birth and air pollution: Critical windows of exposure for women with asthma. <i>Journal of Allergy and Clinical Immunology</i> , <b>2016</b> , 138, 432-440.e5	11.5	33
97	Modeling dry and wet deposition of sulfate, nitrate, and ammonium ions in Jiuzhaigou National Nature Reserve, China using a source-oriented CMAQ model: Part I. Base case model results. <i>Science of the Total Environment</i> , <b>2015</b> , 532, 831-9	10.2	33
96	Evaluation of MEGAN predicted biogenic isoprene emissions at urban locations in Southeast Texas. <i>Atmospheric Environment</i> , <b>2015</b> , 110, 54-64	5.3	32
95	Source apportionment of airborne particulate matter in Southeast Texas using a source-oriented 3D air quality model. <i>Atmospheric Environment</i> , <b>2010</b> , 44, 3547-3557	5.3	32
94	Source contributions and potential reductions to health effects of particulate matter in India. <i>Atmospheric Chemistry and Physics</i> , <b>2018</b> , 18, 15219-15229	6.8	32
93	Role of stabilized Criegee Intermediates in the formation of atmospheric sulfate in eastern United States. <i>Atmospheric Environment</i> , <b>2013</b> , 79, 442-447	5.3	30
92	Source apportionment of formaldehyde during TexAQS 2006 using a source-oriented chemical transport model. <i>Journal of Geophysical Research D: Atmospheres</i> , <b>2013</b> , 118, 1525-1535	4.4	30
91	Control strategies for the reduction of airborne particulate nitrate in California's San Joaquin Valley. <i>Atmospheric Environment</i> , <b>2005</b> , 39, 5325-5341	5.3	30
90	Source apportionment of summertime ozone in China using a source-oriented chemical transport model. <i>Atmospheric Environment</i> , <b>2019</b> , 211, 79-90	5.3	29
89	Estimating population exposure to ambient polycyclic aromatic hydrocarbon in the United States - Part II: Source apportionment and cancer risk assessment. <i>Environment International</i> , <b>2016</b> , 97, 163-170	12.9	29
88	Local and regional contributions to fine particulate matter in the 18 cities of Sichuan Basin, southwestern China. <i>Atmospheric Chemistry and Physics</i> , <b>2019</b> , 19, 5791-5803	6.8	28
87	Secondary organic aerosol from polycyclic aromatic hydrocarbons in Southeast Texas. <i>Atmospheric Environment</i> , <b>2012</b> , 55, 279-287	5.3	27
86	Past and future trends of vehicle emissions in Tianjin, China, from 2000 to 2030. <i>Atmospheric Environment</i> , <b>2019</b> , 209, 182-191	5.3	26
85	Traffic assignment considering air quality. <i>Transportation Research, Part D: Transport and Environment</i> , <b>2010</b> , 15, 497-502	6.4	26
84	Modeling air quality during the California Regional PM10/PM2.5 Air Quality Study (CPRAQS) using the UCD/CIT source-oriented air quality model (Part III. Regional source apportionment of secondary and total airborne particulate matter. <i>Atmospheric Environment</i> , <b>2009</b> , 43, 419-430	5.3	25

83	Wet deposition of sulfur and nitrogen in Jiuzhaigou National Nature Reserve, Sichuan, China during 2015-2016: Possible effects from regional emission reduction and local tourist activities. <i>Environmental Pollution</i> , <b>2018</b> , 233, 267-277	9.3	23
82	Improved MEGAN predictions of biogenic isoprene in the contiguous United States. <i>Atmospheric Environment</i> , <b>2017</b> , 148, 337-351	5.3	22
81	Aerosol Ammonium in the Urban Boundary Layer in Beijing: Insights from Nitrogen Isotope Ratios and Simulations in Summer 2015. <i>Environmental Science and Technology Letters</i> , <b>2019</b> , 6, 389-395	11	22
80	Long-term particulate matter modeling for health effect studies in California [Part 2: Concentrations and sources of ultrafine organic aerosols. <i>Atmospheric Chemistry and Physics</i> , <b>2017</b> , 17, 5379-5391	6.8	22
79	Sources and health risks of ambient polycyclic aromatic hydrocarbons in China. <i>Science of the Total Environment</i> , <b>2020</b> , 698, 134229	10.2	22
78	Spatial and temporal variations in criteria air pollutants in three typical terrain regions in Shaanxi, China, during 2015. <i>Air Quality, Atmosphere and Health</i> , <b>2018</b> , 11, 95-109	5.6	22
77	Simulation of summer ozone and its sensitivity to emission changes in China. <i>Atmospheric Pollution Research</i> , <b>2019</b> , 10, 1543-1552	4.5	21
76	Simulating and forecasting the cumulative confirmed cases of SARS-CoV-2 in China by Boltzmann function-based regression analyses. <i>Journal of Infection</i> , <b>2020</b> , 80, 578-606	18.9	21
75	Improve regional distribution and source apportionment of PM trace elements in China using inventory-observation constrained emission factors. <i>Science of the Total Environment</i> , <b>2018</b> , 624, 355-365	10.2	21
74	Fine Particulate Matter and Ozone Pollution in the 18 Cities of the Sichuan Basin in Southwestern China: Model Performance and Characteristics. <i>Aerosol and Air Quality Research</i> , <b>2019</b> , 19, 2308-2319	4.6	21
73	Health risk associated with potential source regions of PM <sub>2.5</sub> in Indian cities. <i>Air Quality, Atmosphere and Health</i> , <b>2019</b> , 12, 327-340	5.6	21
72	Forecasting the cumulative number of COVID-19 deaths in China: a Boltzmann function-based modeling study. <i>Infection Control and Hospital Epidemiology</i> , <b>2020</b> , 41, 841-843	2	21
71	Modeling the impact of heterogeneous reactions of chlorine on summertime nitrate formation in Beijing, China. <i>Atmospheric Chemistry and Physics</i> , <b>2019</b> , 19, 6737-6747	6.8	20
70	Acute and recent air pollution exposure and cardiovascular events at labour and delivery. <i>Heart</i> , <b>2015</b> , 101, 1491-8	5.1	20
69	Implementation and initial application of the near-explicit Master Chemical Mechanism in the 3D Community Multiscale Air Quality (CMAQ) model. <i>Atmospheric Environment</i> , <b>2011</b> , 45, 3244-3256	5.3	20
68	Long-term field Evaluation of Low-cost Particulate Matter Sensors in Nanjing. <i>Aerosol and Air Quality Research</i> , <b>2020</b> , 20, 242-253	4.6	20
67	Molecular view modeling of atmospheric organic particulate matter: Incorporating molecular structure and co-condensation of water. <i>Atmospheric Environment</i> , <b>2015</b> , 122, 400-408	5.3	19
66	Estimating ground level PM concentrations and associated health risk in India using satellite based AOD and WRF predicted meteorological parameters. <i>Chemosphere</i> , <b>2020</b> , 255, 126969	8.4	19

65	Effects of aerosol UV extinction on the formation of ozone and secondary particulate matter. <i>Atmospheric Environment</i> , <b>2003</b> , 37, 5047-5068	5.3	19
64	Modelling secondary organic aerosols in China. <i>National Science Review</i> , <b>2017</b> , 4, 806-809	10.8	18
63	Uncertain Henry's law constants compromise equilibrium partitioning calculations of atmospheric oxidation products. <i>Atmospheric Chemistry and Physics</i> , <b>2017</b> , 17, 7529-7540	6.8	18
62	Estimating population exposure to ambient polycyclic aromatic hydrocarbon in the United States - Part I: Model development and evaluation. <i>Environment International</i> , <b>2017</b> , 99, 263-274	12.9	17
61	Sensitivity analysis of the surface ozone and fine particulate matter to meteorological parameters in China. <i>Atmospheric Chemistry and Physics</i> , <b>2020</b> , 20, 13455-13466	6.8	17
60	Significant impact of heterogeneous reactions of reactive chlorine species on summertime atmospheric ozone and free-radical formation in north China. <i>Science of the Total Environment</i> , <b>2019</b> , 693, 133580	10.2	16
59	Physical and chemical processes of wintertime secondary nitrate aerosol formation. <i>Frontiers of Environmental Science and Engineering in China</i> , <b>2011</b> , 5, 348-361		16
58	Investigation of relationships between meteorological conditions and high PM10 pollution in a megacity in the western Yangtze River Delta, China. <i>Air Quality, Atmosphere and Health</i> , <b>2017</b> , 10, 713-724 <sup>5,6</sup>	5.6	15
57	AERMOD for near-road pollutant dispersion: Evaluation of model performance with different emission source representations and low wind options. <i>Transportation Research, Part D: Transport and Environment</i> , <b>2017</b> , 57, 392-402	6.4	15
56	Estimation of VOC emission factors from flux measurements using a receptor model and footprint analysis. <i>Atmospheric Environment</i> , <b>2014</b> , 82, 24-35	5.3	15
55	Importance of Wintertime Anthropogenic Glyoxal and Methylglyoxal Emissions in Beijing and Implications for Secondary Organic Aerosol Formation in Megacities. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 11809-11817	10.3	15
54	Proximity to major roadways and prospectively-measured time-to-pregnancy and infertility. <i>Science of the Total Environment</i> , <b>2017</b> , 576, 172-177	10.2	14
53	Evaluation of particulate matter deposition in the human respiratory tract during winter in Nanjing using size and chemically resolved ambient measurements. <i>Air Quality, Atmosphere and Health</i> , <b>2019</b> , 12, 529-538	5.6	14
52	Regional source apportionment of summertime ozone and its precursors in the megacities of Beijing and Shanghai using a source-oriented chemical transport model. <i>Atmospheric Environment</i> , <b>2020</b> , 224, 117337	5.3	14
51	Simulating near-road reactive dispersion of gaseous air pollutants using a three-dimensional Eulerian model. <i>Science of the Total Environment</i> , <b>2013</b> , 454-455, 348-57	10.2	14
50	Source apportionment of organic pollutants in fine and coarse atmospheric particles in Doha, Qatar. <i>Journal of the Air and Waste Management Association</i> , <b>2019</b> , 69, 1277-1292	2.4	13
49	Source apportionment and regional transport of anthropogenic secondary organic aerosol during winter pollution periods in the Yangtze River Delta, China. <i>Science of the Total Environment</i> , <b>2020</b> , 710, 135620	10.2	13
48	On the Relevancy of Observed Ozone Increase during COVID-19 Lockdown to Summertime Ozone and PM2.5 Control Policies in China. <i>Environmental Science and Technology Letters</i> , <b>2021</b> , 8, 289-294	11	13

47	Quantifying the impacts of inter-city transport on air quality in the Yangtze River Delta urban agglomeration, China: Implications for regional cooperative controls of PM and O. <i>Science of the Total Environment</i> , <b>2021</b> , 779, 146619	10.2	13
46	Comparison of the SAPRC07 and SAPRC99 photochemical mechanisms during a high ozone episode in Texas: Differences in concentrations, OH budget and relative response factors. <i>Atmospheric Environment</i> , <b>2012</b> , 54, 25-35	5.3	12
45	Study of Secondary Organic Aerosol Formation from Chlorine Radical-Initiated Oxidation of Volatile Organic Compounds in a Polluted Atmosphere Using a 3D Chemical Transport Model. <i>Environmental Science &amp; Technology</i> , <b>2020</b> , 54, 13409-13418	10.3	12
44	Source contributions to poor atmospheric visibility in China. <i>Resources, Conservation and Recycling</i> , <b>2019</b> , 143, 167-177	11.9	11
43	Insights into source origins and formation mechanisms of nitrate during winter haze episodes in the Yangtze River Delta. <i>Science of the Total Environment</i> , <b>2020</b> , 741, 140187	10.2	11
42	Projected air quality and health benefits from future policy interventions in India. <i>Resources, Conservation and Recycling</i> , <b>2019</b> , 142, 232-244	11.9	11
41	Modelling air quality during the EXPLORE-YRD campaign [Part II. Regional source apportionment of ozone and PM2.5. <i>Atmospheric Environment</i> , <b>2021</b> , 247, 118063	5.3	11
40	Air pollution and cardiovascular events at labor and delivery: a case-crossover analysis. <i>Annals of Epidemiology</i> , <b>2017</b> , 27, 377-383	6.4	10
39	Using Chemical Transport Model Predictions To Improve Exposure Assessment of PM2.5 Constituents. <i>Environmental Science and Technology Letters</i> , <b>2019</b> , 6, 456-461	11	10
38	Source apportionment of visual impairment during the California regional PM10/PM2.5 air quality study. <i>Atmospheric Environment</i> , <b>2009</b> , 43, 6136-6144	5.3	10
37	Characterization and source apportionment of marine aerosols over the East China Sea. <i>Science of the Total Environment</i> , <b>2019</b> , 651, 2679-2688	10.2	10
36	Wet deposition of sulfur and nitrogen at Mt. Emei in the West China Rain Zone, southwestern China: Status, inter-annual changes, and sources. <i>Science of the Total Environment</i> , <b>2020</b> , 713, 136676	10.2	9
35	Modeling dry and wet deposition of sulfate, nitrate, and ammonium ions in Jiuzhaigou National Nature Reserve, China using a source-oriented CMAQ model: Part II. Emission sector and source region contributions. <i>Science of the Total Environment</i> , <b>2015</b> , 532, 840-8	10.2	8
34	Simulating PM concentration during a winter episode in a subtropical valley: Sensitivity simulations and evaluation methods. <i>Atmospheric Environment</i> , <b>2009</b> , 43, 5971-5977	5.3	8
33	Spatial-temporal variations and source contributions to forest ozone exposure in China. <i>Science of the Total Environment</i> , <b>2019</b> , 674, 189-199	10.2	7
32	Ozone pollution in the west China rain zone and its adjacent regions, Southwestern China: Concentrations, ecological risk, and Sources. <i>Chemosphere</i> , <b>2020</b> , 256, 127008	8.4	7
31	On the effectiveness of short-term intensive emission controls on ozone and particulate matter in a heavily polluted megacity in central China. <i>Atmospheric Environment</i> , <b>2021</b> , 246, 118111	5.3	7
30	A multiple linear regression model with multiplicative log-normal error term for atmospheric concentration data. <i>Science of the Total Environment</i> , <b>2021</b> , 767, 144282	10.2	6



29	Modeling Atmospheric Age Distribution of Elemental Carbon Using a Regional Age-Resolved Particle Representation Framework. <i>Environmental Science &amp; Technology</i> , <b>2019</b> , 53, 270-278	10.3	6
28	Revealing the origin of fine particulate matter in the Sichuan Basin from a source-oriented modeling perspective. <i>Atmospheric Environment</i> , <b>2021</b> , 244, 117896	5.3	6
27	Impacts of water partitioning and polarity of organic compounds on secondary organic aerosol over eastern China. <i>Atmospheric Chemistry and Physics</i> , <b>2020</b> , 20, 7291-7306	6.8	5
26	Atmospheric deposition of sulfur and nitrogen in the West China rain zone: Fluxes, concentrations, ecological risks, and source apportionment. <i>Atmospheric Research</i> , <b>2021</b> , 256, 105569	5.4	5
25	Assessment of mobile source contributions in El Paso by PMF receptor modeling coupled with wind direction analysis. <i>Science of the Total Environment</i> , <b>2020</b> , 720, 137527	10.2	4
24	TAMNROM-3D: Three-Dimensional Eulerian Model to Simulate Air Quality near Highways. <i>Transportation Research Record</i> , <b>2010</b> , 2158, 61-68	1.7	4
23	Assessment of summertime O formation and the O-NO-VOC sensitivity in Zhengzhou, China using an observation-based model.. <i>Science of the Total Environment</i> , <b>2021</b> , 152449	10.2	4
22	Forecasting the Cumulative Number of COVID-19 Deaths in China: a Boltzmann Function-based Modeling Study		3
21	Atmospheric Age Distribution of Primary and Secondary Inorganic Aerosols in a Polluted Atmosphere. <i>Environmental Science &amp; Technology</i> , <b>2021</b> , 55, 5668-5676	10.3	3
20	Molecular characteristics, source contributions, and exposure risks of polycyclic aromatic hydrocarbons in the core city of Central Plains Economic Region, China: Insights from the variation of haze levels. <i>Science of the Total Environment</i> , <b>2021</b> , 757, 143885	10.2	3
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18	Contribution of biogenic sources to secondary organic aerosol in the summertime in Shaanxi, China. <i>Chemosphere</i> , <b>2020</b> , 254, 126815	8.4	2
17	Modeling Secondary Organic Aerosol Tracers and Tracer-to-SOA Ratios for Monoterpenes and Sesquiterpenes Using a Chemical Transport Model.. <i>Environmental Science &amp; Technology</i> , <b>2022</b> ,	10.3	2
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15	Sensitivity Analysis of the Surface Ozone and Fine Particulate Matter to Meteorological Parameters in China <b>2020</b> ,		1
14	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
13	Assessing the Uncertainties in Ozone and SOA Predictions due to Different Branching Ratios of the Cresol Pathway in the Toluene-OH Oxidation Mechanism. <i>ACS Earth and Space Chemistry</i> , <b>2021</b> , 5, 1958-1970	3.2	1
12	Modeling Biogenic and Anthropogenic Secondary Organic Aerosol in China <b>2016</b> ,		1

11	Ozone Pollution over China and India: Seasonality and Sources <b>2019</b> ,		1
10	Source contributions and potential reductions to health effects of particulate matter in India <b>2018</b> ,		1
9	Premature Mortality Associated with Exposure to Outdoor Black Carbon and Its Source Contributions in China. <i>Resources, Conservation and Recycling</i> , <b>2021</b> , 170, 105620	11.9	1
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