

Peng Wang

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.

35
papers

1,080
citations

16
h-index

32
g-index

43
ext. papers

1,504
ext. citations

8.2
avg. IF

5.23
L-index

#	Paper	IF	Citations
35	Severe air pollution events not avoided by reduced anthropogenic activities during COVID-19 outbreak. <i>Resources, Conservation and Recycling</i> , 2020 , 158, 104814	11.9	380
34	Modeling biogenic and anthropogenic secondary organic aerosol in China. <i>Atmospheric Chemistry and Physics</i> , 2017 , 17, 77-92	6.8	87
33	Persistent Heavy Winter Nitrate Pollution Driven by Increased Photochemical Oxidants in Northern China. <i>Environmental Science & Technology</i> , 2020 , 54, 3881-3889	10.3	85
32	Source apportionment of fine particulate matter in China in 2013 using a source-oriented chemical transport model. <i>Science of the Total Environment</i> , 2017 , 601-602, 1476-1487	10.2	60
31	Heavy-duty diesel vehicles dominate vehicle emissions in a tunnel study in northern China. <i>Science of the Total Environment</i> , 2018 , 637-638, 431-442	10.2	41
30	Attribution of Tropospheric Ozone to NO and VOC Emissions: Considering Ozone Formation in the Transition Regime. <i>Environmental Science & Technology</i> , 2019 , 53, 1404-1412	10.3	40
29	Ozone pollution over China and India: seasonality and sources. <i>Atmospheric Chemistry and Physics</i> , 2020 , 20, 4399-4414	6.8	38
28	Source apportionment of secondary organic aerosol in China using a regional source-oriented chemical transport model and two emission inventories. <i>Environmental Pollution</i> , 2018 , 237, 756-766	9.3	38
27	Source apportionment of summertime ozone in China using a source-oriented chemical transport model. <i>Atmospheric Environment</i> , 2019 , 211, 79-90	5.3	29
26	Estimating population exposure to ambient polycyclic aromatic hydrocarbon in the United States - Part II: Source apportionment and cancer risk assessment. <i>Environment International</i> , 2016 , 97, 163-170	12.9	29
25	Past and future trends of vehicle emissions in Tianjin, China, from 2000 to 2030. <i>Atmospheric Environment</i> , 2019 , 209, 182-191	5.3	26
24	Improved MEGAN predictions of biogenic isoprene in the contiguous United States. <i>Atmospheric Environment</i> , 2017 , 148, 337-351	5.3	22
23	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> , 2019 , 6, 389-395	11	22
22	Vehicle emissions in a middle-sized city of China: Current status and future trends. <i>Environment International</i> , 2020 , 137, 105514	12.9	21
21	Estimating population exposure to ambient polycyclic aromatic hydrocarbon in the United States - Part I: Model development and evaluation. <i>Environment International</i> , 2017 , 99, 263-274	12.9	17
20	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> , 2019 , 693, 133580	10.2	16
19	Responses of decline in air pollution and recovery associated with COVID-19 lockdown in the Pearl River Delta. <i>Science of the Total Environment</i> , 2021 , 756, 143868	10.2	16

18	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> , 2020 , 224, 117337	5.3	14
17	Heterogeneous Uptake of N ₂ O ₅ in Sand Dust and Urban Aerosols Observed during the Dry Season in Beijing. <i>Atmosphere</i> , 2019 , 10, 204	2.7	13
16	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> , 2020 , 710, 135620	10.2	13
15	Impact of reduced anthropogenic emissions during COVID-19 on air quality in India. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 4025-4037	6.8	12
14	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> , 2020 , 741, 140187	10.2	11
13	Modeled changes in source contributions of particulate matter during the COVID-19 pandemic in the Yangtze River Delta, China. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 7343-7355	6.8	8
12	Spatial-temporal variations and source contributions to forest ozone exposure in China. <i>Science of the Total Environment</i> , 2019 , 674, 189-199	10.2	7
11	The impact of COVID-19 lockdown on atmospheric CO in Xi'an, China. <i>Environmental Research</i> , 2021 , 197, 111208	7.9	7
10	The impact of sea-salt chloride on ozone through heterogeneous reaction with N ₂ O ₅ in a coastal region of south China. <i>Atmospheric Environment</i> , 2020 , 236, 117604	5.3	6
9	Comprehensive Insights Into O Changes During the COVID-19 From O Formation Regime and Atmospheric Oxidation Capacity. <i>Geophysical Research Letters</i> , 2021 , 48, e2021GL093668	4.9	6
8	Control of NO emissions by air staging in small- and medium-scale biomass pellet boilers. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 9717-9729	5.1	5
7	Unexpected enhancement of ozone exposure and health risks during National Day in China. <i>Atmospheric Chemistry and Physics</i> , 2021 , 21, 10347-10356	6.8	3
6	Contribution of biogenic sources to secondary organic aerosol in the summertime in Shaanxi, China. <i>Chemosphere</i> , 2020 , 254, 126815	8.4	2
5	Impact of reduced anthropogenic emissions during COVID-19 on air quality in India		2
4	Coordinated health effects attributable to particulate matter and other pollutants exposures in the North China Plain.. <i>Environmental Research</i> , 2022 , 208, 112671	7.9	1
3	The aggravated short-term PM-related health risk due to atmospheric transport in the Yangtze River Delta. <i>Environmental Pollution</i> , 2021 , 275, 116672	9.3	1
2	Ozone Pollution over China and India: Seasonality and Sources 2019 ,		1
1	Isoprene Emissions Response to Drought and the Impacts on Ozone and SOA in China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021 , 126, e2020JD033263	4.4	0

