

Peng Wang

List of Publications by Year in descending order

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34
papers

1,885
citations

304701

22
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377849

34
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43
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docs citations

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times ranked

2353
citing authors

#	ARTICLE	IF	CITATIONS
1	Severe air pollution events not avoided by reduced anthropogenic activities during COVID-19 outbreak. <i>Resources, Conservation and Recycling</i> , 2020, 158, 104814.	10.8	532
2	Persistent Heavy Winter Nitrate Pollution Driven by Increased Photochemical Oxidants in Northern China. <i>Environmental Science & Technology</i> , 2020, 54, 3881-3889.	10.0	180
3	Modeling biogenic and anthropogenic secondary organic aerosol in China. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 77-92.	4.9	137
4	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.	8.0	86
5	Ozone pollution over China and India: seasonality and sources. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 4399-4414.	4.9	79
6	Attribution of Tropospheric Ozone to NO _x and VOC Emissions: Considering Ozone Formation in the Transition Regime. <i>Environmental Science & Technology</i> , 2019, 53, 1404-1412.	10.0	77
7	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.	8.0	66
8	Source apportionment of summertime ozone in China using a source-oriented chemical transport model. <i>Atmospheric Environment</i> , 2019, 211, 79-90.	4.1	60
9	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.	7.5	57
10	Past and future trends of vehicle emissions in Tianjin, China, from 2000 to 2030. <i>Atmospheric Environment</i> , 2019, 209, 182-191.	4.1	49
11	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.	8.0	49
12	Vehicle emissions in a middle-sized city of China: Current status and future trends. <i>Environment International</i> , 2020, 137, 105514.	10.0	46
13	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.	8.7	38
14	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.	4.1	36
15	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.	10.0	34
16	Comprehensive Insights Into O ₃ Changes During the COVID-19 From O ₃ Formation Regime and Atmospheric Oxidation Capacity. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL093668.	4.0	32
17	Improved MEGAN predictions of biogenic isoprene in the contiguous United States. <i>Atmospheric Environment</i> , 2017, 148, 337-351.	4.1	29
18	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.	8.0	29

#	ARTICLE	IF	CITATIONS
19	Impact of reduced anthropogenic emissions during COVID-19 on air quality in India. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 4025-4037.	4.9	28
20	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.	8.0	23
21	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.	4.9	23
22	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.	10.0	22
23	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.	8.0	22
24	The impact of COVID-19 lockdown on atmospheric CO ₂ in Xi'an, China. <i>Environmental Research</i> , 2021, 197, 111208.	7.5	22
25	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.	4.1	20
26	Spatial-temporal variations and source contributions to forest ozone exposure in China. <i>Science of the Total Environment</i> , 2019, 674, 189-199.	8.0	17
27	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.	2.3	16
28	Coordinated health effects attributable to particulate matter and other pollutants exposures in the North China Plain. <i>Environmental Research</i> , 2022, 208, 112671.	7.5	13
29	Is atmospheric oxidation capacity better in indicating tropospheric O ₃ formation?. <i>Frontiers of Environmental Science and Engineering</i> , 2022, 16, .	6.0	12
30	Control of NO _x emissions by air staging in small- and medium-scale biomass pellet boilers. <i>Environmental Science and Pollution Research</i> , 2019, 26, 9717-9729.	5.3	11
31	Unexpected enhancement of ozone exposure and health risks during National Day in China. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 10347-10356.	4.9	11
32	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.	3.3	10
33	The aggravated short-term PM _{2.5} -related health risk due to atmospheric transport in the Yangtze River Delta. <i>Environmental Pollution</i> , 2021, 275, 116672.	7.5	8
34	Contribution of biogenic sources to secondary organic aerosol in the summertime in Shaanxi, China. <i>Chemosphere</i> , 2020, 254, 126815.	8.2	4