

# Pusheng Zhao

## List of Publications by Year in descending order

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23  
papers

1,047  
citations

516710

16  
h-index

642732

23  
g-index

25  
all docs

25  
docs citations

25  
times ranked

1282  
citing authors

#	ARTICLE	IF	CITATIONS
1	Relative Humidity Dependence of Hygroscopicity Parameter of Ambient Aerosols. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	6
2	The Levels and Sources of Nitrous Acid (HONO) in Winter of Beijing and Sanmenxia. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	9
3	Aerosol liquid water content of PM <sub>2.5</sub> and its influencing factors in Beijing, China. <i>Science of the Total Environment</i> , 2022, 839, 156342.	8.0	13
4	Insights into measurements of water-soluble ions in PM <sub>2.5</sub> and their gaseous precursors in Beijing. <i>Journal of Environmental Sciences</i> , 2021, 102, 123-137.	6.1	22
5	Contrasting effects of secondary organic aerosol formations on organic aerosol hygroscopicity. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 10375-10391.	4.9	10
6	Cause of PM <sub>2.5</sub> pollution during the 2016-2017 heating season in Beijing, Tianjin, and Langfang, China. <i>Journal of Environmental Sciences</i> , 2020, 95, 201-209.	6.1	38
7	Aerosol hygroscopicity based on size-resolved chemical compositions in Beijing. <i>Science of the Total Environment</i> , 2020, 716, 137074.	8.0	16
8	Dust-Dominated Coarse Particles as a Medium for Rapid Secondary Organic and Inorganic Aerosol Formation in Highly Polluted Air. <i>Environmental Science &amp; Technology</i> , 2020, 54, 15710-15721.	10.0	37
9	Pollution characteristics and potential sources of nitrous acid (HONO) in early autumn 2018 of Beijing. <i>Science of the Total Environment</i> , 2020, 735, 139317.	8.0	27
10	Distinct diurnal variation in organic aerosol hygroscopicity and its relationship with oxygenated organic aerosol. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 865-880.	4.9	46
11	Current Challenges in Visibility Improvement in Southern China. <i>Environmental Science and Technology Letters</i> , 2020, 7, 395-401.	8.7	38
12	Development and application of the WRFDA-Chem three-dimensional variational (3DVAR) system: aiming to improve air quality forecasting and diagnose model deficiencies. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 9311-9329.	4.9	10
13	High time-resolution measurement of light scattering hygroscopic growth factor in Beijing: A novel method for high relative humidity conditions. <i>Atmospheric Environment</i> , 2019, 215, 116912.	4.1	20
14	Aerosol pH and its driving factors in Beijing. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 7939-7954.	4.9	131
15	Retrospective analysis of 2015–2017 wintertime PM <sub>2.5</sub> in China: response to emission regulations and the role of meteorology. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 7409-7427.	4.9	41
16	Comparison of size-resolved hygroscopic growth factors of urban aerosol by different methods in Tianjin during a haze episode. <i>Science of the Total Environment</i> , 2019, 678, 618-626.	8.0	21
17	Chemical Compositions and Liquid Water Content of Size-Resolved Aerosol in Beijing. <i>Aerosol and Air Quality Research</i> , 2018, 18, 680-692.	2.1	12
18	Mortality and air pollution in Beijing: The long-term relationship. <i>Atmospheric Environment</i> , 2017, 150, 238-243.	4.1	69

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19	Size-resolved carbonaceous components and water-soluble ions measurements of ambient aerosol in Beijing. <i>Journal of Environmental Sciences</i> , 2017, 54, 298-313.	6.1	16
20	Exploring the nitrous acid (HONO) formation mechanism in winter Beijing: direct emissions and heterogeneous production in urban and suburban areas. <i>Faraday Discussions</i> , 2016, 189, 213-230.	3.2	77
21	Comparisons of measured nitrous acid (HONO) concentrations in a pollution period at urban and suburban Beijing, in autumn of 2014. <i>Science China Chemistry</i> , 2015, 58, 1393-1402.	8.2	41
22	Characteristics of carbonaceous aerosol in the region of Beijing, Tianjin, and Hebei, China. <i>Atmospheric Environment</i> , 2013, 71, 389-398.	4.1	143
23	Long-term visibility trends and characteristics in the region of Beijing, Tianjin, and Hebei, China. <i>Atmospheric Research</i> , 2011, 101, 711-718.	4.1	197