

Yingjie Zhang

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

1,485
citations

361413

20
h-index

501196

28
g-index

34
all docs

34
docs citations

34
times ranked

1927
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of Aqueous-Phase and Photochemical Processing on Secondary Organic Aerosol Formation and Evolution in Beijing, China. <i>Environmental Science & Technology</i> , 2017, 51, 762-770.	10.0	179
2	Rapid formation and evolution of an extreme haze episode in Northern China during winter 2015. <i>Scientific Reports</i> , 2016, 6, 27151.	3.3	162
3	Variation of polycyclic aromatic hydrocarbons in atmospheric PM _{2.5} during winter haze period around 2014 Chinese Spring Festival at Nanjing: Insights of source changes, air mass direction and firework particle injection. <i>Science of the Total Environment</i> , 2015, 520, 59-72.	8.0	148
4	The impacts of firework burning at the Chinese Spring Festival on air quality: insights of tracers, source evolution and aging processes. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 2167-2184.	4.9	147
5	Aerosol characterization over the North China Plain: Haze life cycle and biomass burning impacts in summer. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 2508-2521.	3.3	93
6	Insights into aerosol chemistry during the 2015 China Victory Day parade: results from simultaneous measurements at ground level and 260 m in Beijing. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 3215-3232.	4.9	90
7	Vertical characterization of aerosol optical properties and brown carbon in winter in urban Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 165-179.	4.9	73
8	Influence of continental organic aerosols to the marine atmosphere over the East China Sea: Insights from lipids, PAHs and phthalates. <i>Science of the Total Environment</i> , 2017, 607-608, 339-350.	8.0	59
9	Production of N ₂ O ₅ and ClNO ₂ in summer in urban Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 11581-11597.	4.9	57
10	Organic Aerosol Processing During Winter Severe Haze Episodes in Beijing. <i>Journal of Geophysical Research D: Atmospheres</i> , 2019, 124, 10248-10263.	3.3	56
11	Simultaneous measurements of particle number size distributions at ground level and 260 m on a meteorological tower in urban Beijing, China. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 6797-6811.	4.9	52
12	Characterization of aerosol hygroscopicity, mixing state, and CCN activity at a suburban site in the central North China Plain. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 11739-11752.	4.9	48
13	Aerosol hygroscopic growth, contributing factors, and impact on haze events in a severely polluted region in northern China. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 1327-1342.	4.9	47
14	Seasonal Characterization of Organic Nitrogen in Atmospheric Aerosols Using High Resolution Aerosol Mass Spectrometry in Beijing, China. <i>ACS Earth and Space Chemistry</i> , 2017, 1, 673-682.	2.7	42
15	Updated emission inventories of power plants in simulating air quality during haze periods over East China. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 2065-2079.	4.9	41
16	Response of aerosol composition to different emission scenarios in Beijing, China. <i>Science of the Total Environment</i> , 2016, 571, 902-908.	8.0	35
17	Aerosol optical properties measurements by a CAPS single scattering albedo monitor: Comparisons between summer and winter in Beijing, China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 2513-2526.	3.3	30
18	Stable sulfur isotope ratios and chemical compositions of fine aerosols (PM _{2.5}) in Beijing, China. <i>Science of the Total Environment</i> , 2018, 633, 1156-1164.	8.0	25

#	ARTICLE	IF	CITATIONS
19	First assessment of surface solar irradiance derived from Himawari-8 across China. <i>Solar Energy</i> , 2018, 174, 164-170.	6.1	24
20	A 3D study on the amplification of regional haze and particle growth by local emissions. <i>Npj Climate and Atmospheric Science</i> , 2021, 4, .	6.8	23
21	Aerosol chemistry and particle growth events at an urban downwind site in North China Plain. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 14637-14651.	4.9	19
22	Effect of Tip Clearance on the Aeroelastic Stability of a Wide-Chord Fan Rotor. <i>Journal of Engineering for Gas Turbines and Power</i> , 2020, 142, .	1.1	12
23	High-pressure ratio centrifugal compressor with two different fishtail pipe diffuser configurations. <i>Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy</i> , 2018, 232, 785-798.	1.4	4
24	Parametric study of slotted diffuser effects on a highly loaded centrifugal compressor. <i>Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy</i> , 2019, 233, 702-714.	1.4	4
25	Stall Behavior in an Ultrahigh-Pressure-Ratio Centrifugal Compressor: Backward-Travelling Rotating Stall. <i>Journal of Turbomachinery</i> , 2022, 144, .	1.7	4
26	Insights into vertical differences of particle number size distributions in winter in Beijing, China. <i>Science of the Total Environment</i> , 2022, 802, 149695.	8.0	4
27	Numerical Investigation of the Fan Flutter Mechanism Related to Acoustic Propagation Characteristics. <i>Journal of Turbomachinery</i> , 2022, 144, .	1.7	3
28	Characteristics of atmospheric fungi in particle growth events along with new particle formation in the central North China Plain. <i>Science of the Total Environment</i> , 2019, 683, 389-398.	8.0	2
29	Effects of a slotted diffuser on the aerodynamic performance of a highly loaded centrifugal compressor. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2019, 233, 6879-6891.	2.1	0
30	Numerical investigation of the diffuser throat length effect on a transonic centrifugal compressor. <i>Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science</i> , 2022, 236, 3790-3803.	2.1	0
31	Investigation of New Design Principles for the Centrifugal Compressor Vaned Diffusers. <i>International Journal of Aerospace Engineering</i> , 2022, 2022, 1-16.	0.9	0