

Bin Ouyang

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

892
citations

840776

11
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

1751
citing authors

#	ARTICLE	IF	CITATIONS
1	Online vertical measurement of air pollutants: Development of a monitoring platform on a skyscraper and its application in Shanghai. <i>Atmospheric Pollution Research</i> , 2022, 13, 101477.	3.8	6
2	Key Role of NO ₃ Radicals in the Production of Isoprene Nitrates and Nitroxyorganosulfates in Beijing. <i>Environmental Science & Technology</i> , 2021, 55, 842-853.	10.0	18
3	Observations of speciated isoprene nitrates in Beijing: implications for isoprene chemistry. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 6315-6330.	4.9	4
4	Efficient Vertical Transport of Black Carbon in the Planetary Boundary Layer. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL088858.	4.0	19
5	First-Principles Algorithm for Air Quality Electrochemical Gas Sensors. <i>ACS Sensors</i> , 2020, 5, 2742-2746.	7.8	11
6	Strong anthropogenic control of secondary organic aerosol formation from isoprene in Beijing. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 7531-7552.	4.9	35
7	Analysis of wintertime O ₃ variability using a random forest model and high-frequency observations in Zhangjiakou—an area with background pollution level of the North China Plain. <i>Environmental Pollution</i> , 2020, 262, 114191.	7.5	11
8	Introduction to the special issue “In-depth study of air pollution sources and processes within Beijing and its surrounding region (APHH-Beijing)”. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 7519-7546.	4.9	95
9	Intercomparison of nitrous acid (HONO) measurement techniques in a megacity (Beijing). <i>Atmospheric Measurement Techniques</i> , 2019, 12, 6449-6463.	3.1	44
10	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
11	Developing a Relative Humidity Correction for Low-Cost Sensors Measuring Ambient Particulate Matter. <i>Sensors</i> , 2018, 18, 2790.	3.8	102
12	A nocturnal atmospheric loss of CH ₂ I ₂ in the remote marine boundary layer. <i>Journal of Atmospheric Chemistry</i> , 2017, 74, 145-156.	3.2	4
13	Ground and Airborne U.K. Measurements of Nitryl Chloride: An Investigation of the Role of Cl Atom Oxidation at Weybourne Atmospheric Observatory. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 11,154.	3.3	18
14	Kinetics analysis of interfacial electron-transfer processes in goethite suspensions systems. <i>Chemosphere</i> , 2017, 188, 667-676.	8.2	9
15	Nitrate radicals and biogenic volatile organic compounds: oxidation, mechanisms, and organic aerosol. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 2103-2162.	4.9	307
16	The first airborne comparison of N ₂ O ₅ measurements over the UK using a CIMS and BBCEAS during the RONOCO campaign. <i>Analytical Methods</i> , 2014, 6, 9731-9743.	2.7	30
17	NO ₃ radical production from the reaction between the Criegee intermediate CH ₂ OO and NO ₂ . <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 17070.	2.8	116