Bin Ouyang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1755309/publications.pdf

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17	892	840776 11	888059 17
papers	citations	h-index	g-index

19	19	19	1751
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nitrate radicals and biogenic volatile organic compounds: oxidation, mechanisms, and organic aerosol. Atmospheric Chemistry and Physics, 2017, 17, 2103-2162.	4.9	307
2	NO3 radical production from the reaction between the Criegee intermediate CH2OO and NO2. Physical Chemistry Chemical Physics, 2013, 15, 17070.	2.8	116
3	Developing a Relative Humidity Correction for Low-Cost Sensors Measuring Ambient Particulate Matter. Sensors, 2018, 18, 2790.	3.8	102
4	Introduction to the special issue â€œIn-depth study of air pollution sources and processes within Beijing and its surrounding region (APHH-Beijing)â€• Atmospheric Chemistry and Physics, 2019, 19, 7519-7546.	4.9	95
5	Production of N₂O₅ and ClNO₂ in summer in urban Beijing, China. Atmospheric Chemistry and Physics, 2018, 18, 11581-11597.	4.9	57
6	Intercomparison of nitrous acid (HONO) measurement techniques in a megacity (Beijing). Atmospheric Measurement Techniques, 2019, 12, 6449-6463.	3.1	44
7	Strong anthropogenic control of secondary organic aerosol formation from isoprene in Beijing. Atmospheric Chemistry and Physics, 2020, 20, 7531-7552.	4.9	35
8	The first airborne comparison of N₂O₅ measurements over the UK using a CIMS and BBCEAS during the RONOCO campaign. Analytical Methods, 2014, 6, 9731-9743.	2.7	30
9	Efficient Vertical Transport of Black Carbon in the Planetary Boundary Layer. Geophysical Research Letters, 2020, 47, e2020GL088858.	4.0	19
10	Ground and Airborne U.K. Measurements of Nitryl Chloride: An Investigation of the Role of Cl Atom Oxidation at Weybourne Atmospheric Observatory. Journal of Geophysical Research D: Atmospheres, 2017, 122, 11,154.	3.3	18
11	Key Role of NO₃ Radicals in the Production of Isoprene Nitrates and Nitrooxyorganosulfates in Beijing. Environmental Science & Technology, 2021, 55, 842-853.	10.0	18
12	First-Principles Algorithm for Air Quality Electrochemical Gas Sensors. ACS Sensors, 2020, 5, 2742-2746.	7.8	11
13	Analysis of wintertime O3 variability using a random forest model and high-frequency observations in Zhangjiakouâ€”an area with background pollution level of the North China Plain. Environmental Pollution, 2020, 262, 114191.	7.5	11
14	Kinetics analysis of interfacial electron-transfer processes in goethite suspensions systems. Chemosphere, 2017, 188, 667-676.	8.2	9
15	Online vertical measurement of air pollutants: Development of a monitoring platform on a skyscraper and its application in Shanghai. Atmospheric Pollution Research, 2022, 13, 101477.	3.8	6
16	A nocturnal atmospheric loss of CH2I2 in the remote marine boundary layer. Journal of Atmospheric Chemistry, 2017, 74, 145-156.	3.2	4
17	Observations of speciated isoprene nitrates in Beijing: implications for isoprene chemistry. Atmospheric Chemistry and Physics, 2021, 21, 6315-6330.	4.9	4