

Guangqiang Zhou

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

994
citations

623734

14
h-index

752698

20
g-index

25
all docs

25
docs citations

25
times ranked

1374
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterizations of ozone, NO _x , and VOCs measured in Shanghai, China. <i>Atmospheric Environment</i> , 2008, 42, 6873-6883.	4.1	210
2	Ozone photochemical production in urban Shanghai, China: Analysis based on ground level observations. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	167
3	Long-term trend of O ₃ in a mega City (Shanghai), China: Characteristics, causes, and interactions with precursors. <i>Science of the Total Environment</i> , 2017, 603-604, 425-433.	8.0	152
4	Numerical air quality forecasting over eastern China: An operational application of WRF-Chem. <i>Atmospheric Environment</i> , 2017, 153, 94-108.	4.1	86
5	An examination of parameterizations for the CCN number concentration based on in situ measurements of aerosol activation properties in the North China Plain. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 6227-6237.	4.9	50
6	Observed dependence of surface ozone on increasing temperature in Shanghai, China. <i>Atmospheric Environment</i> , 2020, 221, 117108.	4.1	48
7	Ensemble forecasts of air quality in eastern China – Part 1: Model description and implementation of the MarcoPolo–Panda prediction system, version 1. <i>Geoscientific Model Development</i> , 2019, 12, 33-67.	3.6	39
8	Development of an on-line source-tagged model for sulfate, nitrate and ammonium: A modeling study for highly polluted periods in Shanghai, China. <i>Environmental Pollution</i> , 2017, 221, 168-179.	7.5	37
9	Spatial distribution of aerosol hygroscopicity and its effect on PM _{2.5} retrieval in East China. <i>Atmospheric Research</i> , 2016, 170, 161-167.	4.1	32
10	A parameterization scheme of aerosol vertical distribution for surface-level visibility retrieval from satellite remote sensing. <i>Remote Sensing of Environment</i> , 2016, 181, 1-13.	11.0	29
11	Measuring and Modeling Aerosol: Relationship with Haze Events in Shanghai, China. <i>Aerosol and Air Quality Research</i> , 2014, 14, 783-792.	2.1	28
12	Long-term characteristics of satellite-based PM _{2.5} over East China. <i>Science of the Total Environment</i> , 2018, 612, 1417-1423.	8.0	25
13	Ensemble forecasts of air quality in eastern China – Part 2: Evaluation of the MarcoPolo–Panda prediction system, version 1. <i>Geoscientific Model Development</i> , 2019, 12, 1241-1266.	3.6	25
14	Characteristics of PM ₁ over Shanghai, relationships with precursors and meteorological variables and impacts on visibility. <i>Atmospheric Environment</i> , 2018, 184, 224-232.	4.1	15
15	Long-term variation of satellite-based PM _{2.5} and influence factors over East China. <i>Scientific Reports</i> , 2018, 8, 11764.	3.3	15
16	Analysis of CO ₂ spatio-temporal variations in China using a weather–biosphere online coupled model. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 7217-7233.	4.9	12
17	Winter vacation, indoor air pollution and respiratory health among rural college students: A case study in Gansu Province, China. <i>Building and Environment</i> , 2021, 188, 107481.	6.9	11
18	Real-time numerical source apportionment of PM _{2.5} concentrations over the Yangtze River Delta region, China. <i>Atmospheric Environment</i> , 2021, 246, 118104.	4.1	4

#	ARTICLE	IF	CITATIONS
19	Effects of shipping emissions on cloud physical properties over coastal areas near Shanghai. Science of the Total Environment, 2021, 753, 141742.	8.0	2
20	Effects of Shipping-originated Aerosols on Physical Cloud Properties over Marine Areas near East China. Aerosol and Air Quality Research, 2019, 19, 1471-1482.	2.1	2
21	Numerical Air Quality Forecast over Eastern China: Development, Uncertainty and Future. , 2019, , .		0