Guangqiang Zhou

List of Publications by Year
in descending order

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21	994	623734	752698
papers	citations	14 h-index	20 g-index

25	25	25	1374
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Effects of shipping emissions on cloud physical properties over coastal areas near Shanghai. Science of the Total Environment, 2021, 753, 141742.	8.0	2
2	Real-time numerical source apportionment of PM2.5 concentrations over the Yangtze River Delta region, China. Atmospheric Environment, 2021, 246, 118104.	4.1	4
3	Winter vacation, indoor air pollution and respiratory health among rural college students: A case study in Gansu Province, China. Building and Environment, 2021, 188, 107481.	6.9	11
4	Analysis of CO₂ spatio-temporal variations in China using a weatherâ€“biosphere online coupled model. Atmospheric Chemistry and Physics, 2021, 21, 7217-7233.	4.9	12
5	Observed dependence of surface ozone on increasing temperature in Shanghai, China. Atmospheric Environment, 2020, 221, 117108.	4.1	48
6	Ensemble forecasts of air quality in eastern China â€“ Part 2: Evaluation of the MarcoPoloâ€“Panda prediction system, version 1. Geoscientific Model Development, 2019, 12, 1241-1266.	3.6	25
7	Ensemble forecasts of air quality in eastern China â€“ Part 1: Model description and implementation of the MarcoPoloâ€“Panda prediction system, version 1. Geoscientific Model Development, 2019, 12, 33-67.	3.6	39
8	Numerical Air Quality Forecast over Eastern China: Development, Uncertainty and Future. , 2019, , .		0
9	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
10	Characteristics of PM1 over Shanghai, relationships with precursors and meteorological variables and impacts on visibility. Atmospheric Environment, 2018, 184, 224-232.	4.1	15
11	Long-term characteristics of satellite-based PM2.5 over East China. Science of the Total Environment, 2018, 612, 1417-1423.	8.0	25
12	Long-term variation of satellite-based PM2.5 and influence factors over East China. Scientific Reports, 2018, 8, 11764.	3.3	15
13	Development of an on-line source-tagged model for sulfate, nitrate and ammonium: A modeling study for highly polluted periods in Shanghai, China. Environmental Pollution, 2017, 221, 168-179.	7.5	37
14	Numerical air quality forecasting over eastern China: An operational application of WRF-Chem. Atmospheric Environment, 2017, 153, 94-108.	4.1	86
15	Long-term trend of O3 in a mega City (Shanghai), China: Characteristics, causes, and interactions with precursors. Science of the Total Environment, 2017, 603-604, 425-433.	8.0	152
16	A parameterization scheme of aerosol vertical distribution for surface-level visibility retrieval from satellite remote sensing. Remote Sensing of Environment, 2016, 181, 1-13.	11.0	29
17	Spatial distribution of aerosol hygroscopicity and its effect on PM2.5 retrieval in East China. Atmospheric Research, 2016, 170, 161-167.	4.1	32
18	Measuring and Modeling Aerosol: Relationship with Haze Events in Shanghai, China. Aerosol and Air Quality Research, 2014, 14, 783-792.	2.1	28

#	Article	IF	Citations
19	An examination of parameterizations for the CCN number concentration based on in situ measurements of aerosol activation properties in the North China Plain. Atmospheric Chemistry and Physics, 2013, 13, 6227-6237.	4.9	50
20	Ozone photochemical production in urban Shanghai, China: Analysis based on ground level observations. Journal of Geophysical Research, 2009, 114, .	3.3	167
21	Characterizations of ozone, NOx, and VOCs measured in Shanghai, China. Atmospheric Environment, 2008, 42, 6873-6883.	4.1	210