

Jianhui Jiang

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

602
citations

949033

11
h-index

1255698

13
g-index

35
all docs

35
docs citations

35
times ranked

1172
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating sources of surface ozone in central Europe during the hot summer in 2018: High temperatures, but not so high ozone. <i>Atmospheric Environment</i> , 2022, , 119099.	1.9	2
2	Influence of biomass burning vapor wall loss correction on modeling organic aerosols in Europe by CAMx v6.50. <i>Geoscientific Model Development</i> , 2021, 14, 1681-1697.	1.3	5
3	Modeling the effect of reduced traffic due to COVID-19 measures on air quality using a chemical transport model: impacts on the Po Valley and the Swiss Plateau regions. <i>Environmental Science Atmospheres</i> , 2021, 1, 228-240.	0.9	12
4	Role of Organic Aerosol Chemistry Schemes on Particulate Matter Modeling in Europe. <i>Springer Proceedings in Complexity</i> , 2021, , 3-9.	0.2	0
5	Same Model (CAMx6.50), Same Year (2010), Two Different European Projects: How Similar Are the Results?. <i>Springer Proceedings in Complexity</i> , 2021, , 95-100.	0.2	0
6	Sources of particulate-matter air pollution and its oxidative potential in Europe. <i>Nature</i> , 2020, 587, 414-419.	13.7	352
7	Changes in ozone and PM2.5 in Europe during the period of 1990â€“2030: Role of reductions in land and ship emissions. <i>Science of the Total Environment</i> , 2020, 741, 140467.	3.9	20
8	Role of ammonia in European air quality with changing land and ship emissions between 1990 and 2030. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 15665-15680.	1.9	15
9	Impact of anthropogenic and biogenic sources on the seasonal variation in the molecular composition of urban organic aerosols: a field and laboratory study using ultra-high-resolution mass spectrometry. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 5973-5991.	1.9	40
10	Effects of two different biogenic emission models on modelled ozone and aerosol concentrations in Europe. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 3747-3768.	1.9	36
11	Sources of organic aerosols in Europe: a modeling study using CAMx with modified volatility basis set scheme. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 15247-15270.	1.9	35
12	Secondary organic aerosol formation from smoldering and flaming combustion of biomass: a box model parametrization based on volatility basis set. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 11461-11484.	1.9	24
13	Identification of secondary aerosol precursors emitted by an aircraft turbofan. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 7379-7391.	1.9	14
14	Estimating nitrogen oxides emissions at city scale in China with a nightlight remote sensing model. <i>Science of the Total Environment</i> , 2016, 544, 1119-1127.	3.9	22
15	The potential of fertilizer management for reducing nitrous oxide emissions in the cleaner production of bamboo in China. <i>Journal of Cleaner Production</i> , 2016, 112, 2536-2544.	4.6	23