Quazi Z Rasool

List of Publications by Year in descending order

13 papers	197 citations	1163117 8 h-index	1125743 13 g-index
23 all docs	23 docs citations	23 times ranked	364 citing authors

#	Article	IF	Citations
1	Predicting secondary organic aerosol phase state and viscosity and its effect on multiphase chemistry in a regional-scale air quality model. Atmospheric Chemistry and Physics, 2020, 20, 8201-8225.	4.9	42
2	Enhanced representation of soil NO emissions in the Community Multiscale Air Quality (CMAQ) model versionÂ5.0.2. Geoscientific Model Development, 2016, 9, 3177-3197.	3.6	25
3	Valuing the Air Quality Effects of Biochar Reductions on Soil NO Emissions. Environmental Science & Technology, 2017, 51, 9856-9863.	10.0	23
4	Î±-Pinene-Derived organic coatings on acidic sulfate aerosol impacts secondary organic aerosol formation from isoprene in a box model. Atmospheric Environment, 2019, 213, 456-462.	4.1	21
5	Mechanistic representation of soil nitrogen emissions in the Community Multiscale Air Quality (CMAQ) model v 5.1. Geoscientific Model Development, 2019, 12, 849-878.	3.6	16
6	Potential regional air quality impacts of cannabis cultivation facilities in Denver, Colorado. Atmospheric Chemistry and Physics, 2019, 19, 13973-13987.	4.9	13
7	Assessment of Nitrogen Oxide Emissions and San Joaquin Valley PM$_{2.5}$ Impacts From Soils in California. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD033304.	3.3	11
8	Tight Coupling of Surface and In-Plant Biochemistry and Convection Governs Key Fine Particulate Components over the Amazon Rainforest. ACS Earth and Space Chemistry, 2022, 6, 380-390.	2.7	11
9	Modeling Volatility-Based Aerosol Phase State Predictions in the Amazon Rainforest. ACS Earth and Space Chemistry, 2021, 5, 2910-2924.	2.7	8
10	Modeling the Size Distribution and Chemical Composition of Secondary Organic Aerosols during the Reactive Uptake of Isoprene-Derived Epoxydiols under Low-Humidity Condition. ACS Earth and Space Chemistry, 2021, 5, 3247-3257.	2.7	7
11	Integrated Modeling of U.S. Agricultural Soil Emissions of Reactive Nitrogen and Associated Impacts on Air Pollution, Health, and Climate. Environmental Science & Technology, 2022, 56, 9265-9276.	10.0	7
12	Novel Application of Machine Learning Techniques for Rapid Source Apportionment of Aerosol Mass Spectrometer Datasets. ACS Earth and Space Chemistry, 2022, 6, 932-942.	2.7	6
13	Ambient measurements of monoterpenes near Cannabis cultivation facilities in Denver, Colorado. Atmospheric Environment, 2020, 232, 117510.	4.1	5