

Lightning NO<sub>2</sub> and its effects on satellite NO<sub>2</sub>

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#	ARTICLE	IF	CITATIONS
1	Atmospheric Research Over the Western North Atlantic Ocean Region and North American East Coast: A Review of Past Work and Challenges Ahead. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031626.	1.2	35
2	Observing U.S. Regional Variability in Lightning NO <sub>2</sub> Production Rates. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031362.	1.2	13
3	Estimates of lightning NO <sub>x</sub> production based on high-resolution OMI NO <sub>2</sub> retrievals over the continental US. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 1709-1734.	1.2	11
4	On the mathematical modelling and data assimilation for air pollution assessment in the Tropical Andes. <i>Environmental Science and Pollution Research</i> , 2020, 27, 35993-36012.	2.7	10
5	Role of Lightning NO <sub>x</sub> in Ozone Formation: A Review. <i>Pure and Applied Geophysics</i> , 2021, 178, 1425-1443.	0.8	7
6	Assessing and improving cloud-height-based parameterisations of global lightning flash rate, and their impact on lightning-produced NO <sub>x</sub> and tropospheric composition in a chemistry-climate model. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 7053-7082.	1.9	9
7	The potential for geostationary remote sensing of NO <sub>2</sub> to improve weather prediction. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 9573-9583.	1.9	4
8	Assessment of Updated Fuel-Based Emissions Inventories Over the Contiguous United States Using TROPOMI NO <sub>2</sub> Retrievals. <i>Journal of Geophysical Research D: Atmospheres</i> , 2021, 126, e2021JD035484.	1.2	18
9	Combining Machine Learning and Satellite Observations to Predict Spatial and Temporal Variation of near Surface OH in North American Cities. <i>Environmental Science &amp; Technology</i> , 2022, 56, 7362-7371.	4.6	12
11	Influence of convection on the upper-tropospheric O <sub>3</sub> and NO <sub>x</sub> budget in southeastern China. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 5925-5942.	1.9	9
12	Direct Retrieval of NO <sub>2</sub> Vertical Columns from UV-Vis (390-495 nm) Spectral Radiances Using a Neural Network. <i>Journal of Remote Sensing</i> , 2022, 2022, .	3.2	2
15	Evaluating NO <sub>x</sub> emissions and their effect on O <sub>3</sub> production in Texas using TROPOMI NO <sub>2</sub> and HCHO. <i>Atmospheric Chemistry and Physics</i> , 2022, 22, 10875-10900.	1.9	16
16	LNO <sub>x</sub> Emission Model for Air Quality and Climate Studies Using Satellite Lightning Mapper Observations. <i>Journal of Geophysical Research D: Atmospheres</i> , 2023, 128, .	1.2	2
17	Nitrogen oxides in the free troposphere: implications for tropospheric oxidants and the interpretation of satellite NO <sub>2</sub> measurements. <i>Atmospheric Chemistry and Physics</i> , 2023, 23, 1227-1257.	1.9	19
18	Variable effects of spatial resolution on modeling of nitrogen oxides. <i>Atmospheric Chemistry and Physics</i> , 2023, 23, 3031-3049.	1.9	2
19	Simulating the Transport and Rupture of Pollen in the Atmosphere. <i>Journal of Advances in Modeling Earth Systems</i> , 2023, 15, .	1.3	2