The Berkeley High Resolution Tropospheric NO&l product

Earth System Science Data

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Citation Report

#	Article	IF	Citations
1	Using satellite observations of tropospheric NO₂ columns to infer long-term trends in US NO_{<i>x</i>} emissions:Âthe importance of accounting for the free tropospheric NO₂ background. Atmospheric Chemistry and Physics, 2019, 19, 8863-8878.	1.9	89
2	Direct observation of changing NO _x lifetime in North American cities. Science, 2019, 366, 723-727.	6.0	126
3	An improved total and tropospheric NO₂ column retrieval for GOME-2. Atmospheric Measurement Techniques, 2019, 12, 1029-1057.	1.2	18
4	Evaluation of version 3.0B of the BEHR OMI NO₂ product. Atmospheric Measurement Techniques, 2019, 12, 129-146.	1.2	25
5	Lightning NO₂ simulation over the contiguous US and its effects on satellite NO₂ retrievals. Atmospheric Chemistry and Physics, 2019, 19, 13067-13078.	1.9	21
6	Evaluating the impact of spatial resolution on tropospheric NO₂ column comparisons within urban areas using high-resolution airborne data. Atmospheric Measurement Techniques, 2019, 12, 6091-6111.	1.2	51
7	Inferring the anthropogenic NO_{<i>x</i>} emission trend over the United States during 2003â€“2017 from satellite observations: was there a flattening of the emission trend after the Great Recession?. Atmospheric Chemistry and Physics, 2019, 19, 15339-15352.	1.9	13
9	Mobile-platform measurement of air pollutant concentrations in California: performance assessment, statistical methods for evaluating spatial variations, and spatial representativeness. Atmospheric Measurement Techniques, 2020, 13, 3277-3301.	1.2	11
10	Observing U.S. Regional Variability in Lightning NO₂ Production Rates. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031362.	1.2	13
11	The changing role of organic nitrates in the removal and transport of NO_{<i>x</i>}. Atmospheric Chemistry and Physics, 2020, 20, 267-279.	1.9	34
12	Estimates of lightning NO_{<i>x</i>} production based on high-resolution OMI NO₂ retrievals over the continental US. Atmospheric Measurement Techniques, 2020, 13, 1709-1734.	1.2	11
13	An improved air mass factor calculation for nitrogen dioxide measurements from the Global Ozone Monitoring Experiment-2 (GOME-2). Atmospheric Measurement Techniques, 2020, 13, 755-787.	1.2	16
14	New observations of NO₂ in the upper troposphere from TROPOMI. Atmospheric Measurement Techniques, 2021, 14, 2389-2408.	1.2	18
15	Observations of Lightning NO_x Production From GOESâ€R Post Launch Test Field Campaign Flights. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2020JD033769.	1.2	9
16	Mobile monitoring of urban air quality at high spatial resolution by low-cost sensors: impacts of COVID-19 pandemic lockdown. Atmospheric Chemistry and Physics, 2021, 21, 7199-7215.	1.9	32
18	Ozone and Nitrogen Dioxide Pollution in a Coastal Urban Environment: The Role of Sea Breezes, and Implications of Their Representation for Remote Sensing of Local Air Quality. Journal of Geophysical Research D: Atmospheres, 2021, 126, e2021JD035314.	1.2	17
19	An inversion of NO_{<i>x</i>} and non-methane volatile organic compound (NMVOC) emissions using satellite observations during the KORUS-AQ campaign and implications for surface ozone over East Asia. Atmospheric Chemistry and Physics, 2020, 20, 9837-9854.	1.9	30
20	Direct estimates of biomass burning NO_{<i>x</i>} emissions and lifetimes using daily observations from TROPOMI. Atmospheric Chemistry and Physics, 2021, 21, 15569-15587.	1.9	30

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21	An improved TROPOMI tropospheric NO₂ research product over Europe. Atmospheric Measurement Techniques, 2021, 14, 7297-7327.	1.2	16
23	Dealing with spatial heterogeneity in pointwise-to-gridded- data comparisons. Atmospheric Measurement Techniques, 2022, 15, 41-59.	1.2	10
24	Combining Machine Learning and Satellite Observations to Predict Spatial and Temporal Variation of near Surface OH in North American Cities. Environmental Science & Technology, 2022, 56, 7362-7371.	4.6	12
25	Natural gas flaring, respiratory health, and distributional effects. Journal of Public Economics, 2022, 208, 104601.	2.2	17
26	Estimate of OH trends over one decade in North American cities. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2117399119.	3.3	10
27	Direct Retrieval of NO ₂ Vertical Columns from UV-Vis (390-495â€‰nm) Spectral Radiances Using a Neural Network. Journal of Remote Sensing, 2022, 2022, .	3.2	2