Paul J Wooldridge

List of Publications by Year
in descending order

21 papers	1,479 citations	567144 15 h-index	713332 21 g-index
22 all docs	22 docs citations	22 times ranked	1983 citing authors

#	Article	IF	Citations
1	Observing Annual Trends in Vehicular CO₂ Emissions. Environmental Science & Technology, 2022, 56, 3925-3931.	4.6	4
2	The Berkeley Environmental Air-quality and CO₂ Network: field calibrations of sensor temperature dependence and assessment of network scale CO₂ accuracy. Atmospheric Measurement Techniques, 2021, 14, 5487-5500.	1.2	10
3	Contribution of Organic Nitrates to Organic Aerosol over South Korea during KORUS-AQ. Environmental Science & Technology, 2021, 55, 16326-16338.	4.6	8
4	Observed Impacts of COVIDâ€19 on Urban CO₂ Emissions. Geophysical Research Letters, 2020, 47, e2020GL090037.	1.5	57
5	Evidence of Nighttime Production of Organic Nitrates During SEAC 4 RS, FRAPPÃ‰, and KORUSâ€AQ. Geophysical Research Letters, 2020, 47, e2020GL087860.	1.5	7
6	Comparison of Airborne Reactive Nitrogen Measurements During WINTER. Journal of Geophysical Research D: Atmospheres, 2019, 124, 10483-10502.	1.2	7
7	Heterogeneous N₂O₅ Uptake During Winter: Aircraft Measurements During the 2015 WINTER Campaign and Critical Evaluation of Current Parameterizations. Journal of Geophysical Research D: Atmospheres, 2018, 123, 4345-4372.	1.2	103
8	Wintertime Overnight NO_{<i>x</i>} Removal in a Southeastern United States Coalâ€fired Power Plant Plume: A Model for Understanding Winter NO_{<i>x</i>} Processing and its Implications. Journal of Geophysical Research D: Atmospheres, 2018, 123, 1412-1425.	1.2	14
9	Constraints on Aerosol Nitrate Photolysis as a Potential Source of HONO and NO_{<i>x</i>}. Environmental Science & Technology, 2018, 52, 13738-13746.	4.6	79
10	ClNO₂ Yields From Aircraft Measurements During the 2015 WINTER Campaign and Critical Evaluation of the Current Parameterization. Journal of Geophysical Research D: Atmospheres, 2018, 123, 12,994.	1.2	31
11	Observing local CO₂ sources using low-cost, near-surface urban monitors. Atmospheric Chemistry and Physics, 2018, 18, 13773-13785.	1.9	26
12	Flight Deployment of a Highâ€Resolution Timeâ€ofâ€Flight Chemical Ionization Mass Spectrometer: Observations of Reactive Halogen and Nitrogen Oxide Species. Journal of Geophysical Research D: Atmospheres, 2018, 123, 7670-7686.	1.2	39
13	Evaluation of the accuracy of thermal dissociation CRDS and LIF techniques for atmospheric measurement of reactive nitrogen species. Atmospheric Measurement Techniques, 2017, 10, 1911-1926.	1.2	18
14	Organic nitrate chemistry and its implications for nitrogen budgets in an isoprene- and monoterpene-rich atmosphere: constraints from aircraft (SEAC⁴RS) and ground-based (SOAS) observations in the Southeast US. Atmospheric Chemistry and Physics, 2016, 16, 5969-5991.	1.9	173
15	The lifetime of nitrogen oxides in an isoprene-dominated forest. Atmospheric Chemistry and Physics, 2016, 16, 7623-7637.	1.9	75
16	An Atmospheric Constraint on the NO₂ Dependence of Daytime Near-Surface Nitrous Acid (HONO). Environmental Science & Technology, 2015, 49, 12774-12781.	4.6	26
17	Observational constraints on the chemistry of isoprene nitrates over the eastern United States. Journal of Geophysical Research, 2007, 112, .	3.3	200
18	Evaluation of space-based constraints on global nitrogen oxide emissions with regional aircraft measurements over and downwind of eastern North America. Journal of Geophysical Research, 2006, 111, .	3.3	181

#	Article	IF	Citations
19	On alkyl nitrates, O3, and the â€œmissing NOyâ€. Journal of Geophysical Research, 2003, 108, .	3.3	113
20	Prototype for In Situ Detection of Atmospheric NO3and N2O5via Laser-Induced Fluorescence. Environmental Science & Technology, 2003, 37, 5732-5738.	4.6	71
21	Atmospheric NO2:Â In Situ Laser-Induced Fluorescence Detection at Parts per Trillion Mixing Ratios. Analytical Chemistry, 2000, 72, 528-539.	3.2	237