Anke Noelscher

List of Publications by Year
in descending order

16 papers	1,048 citations	623734 14 h-index	940533 16 g-index
30 all docs	30 docs citations	30 times ranked	1696 citing authors

#	Article	IF	Citations
1	Airborne microplastic concentrations and deposition across the Weser River catchment. Science of the Total Environment, 2022, 818, 151812.	8.0	47
2	Site-scale modeling of surface ozone in Northern Bavaria using machine learning algorithms, regional dynamic models, and a hybrid model. Environmental Pollution, 2021, 268, 115736.	7.5	8
3	Monoterpene chemical speciation in a tropical rainforest:variation with season, height, and time of dayat the Amazon Tall Tower Observatory (ATTO). Atmospheric Chemistry and Physics, 2018, 18, 3403-3418.	4.9	50
4	Insights into HO_{<i>x</i>} and RO_{<i>x</i>} chemistry in the boreal forest via measurement of peroxyacetic acid, peroxyacetic nitric anhydride (PAN) and hydrogen peroxide. Atmospheric Chemistry and Physics, 2018, 18, 13457-13479.	4.9	28
5	Total OH Reactivity Changes Over the Amazon Rainforest During an El NiÃ±o Event. Frontiers in Forests and Global Change, 2018, 1, .	2.3	14
6	Estimating the atmospheric concentration of Criegee intermediates and their possible interference in a FAGE-LIF instrument. Atmospheric Chemistry and Physics, 2017, 17, 7807-7826.	4.9	82
7	How the OH reactivity affects the ozone production efficiency: case studies in Beijing and Heshan, China. Atmospheric Chemistry and Physics, 2017, 17, 7127-7142.	4.9	60
8	Atmospheric mixing ratios of methyl ethyl ketone (2-butanone) in tropical, boreal, temperate and marine environments. Atmospheric Chemistry and Physics, 2016, 16, 10965-10984.	4.9	37
9	Towards a quantitative understanding of total OH reactivity: A review. Atmospheric Environment, 2016, 134, 147-161.	4.1	117
10	Opposite OH reactivity and ozone cycles in the Amazon rainforest and megacity Beijing: Subversion of biospheric oxidant control by anthropogenic emissions. Atmospheric Environment, 2016, 125, 112-118.	4.1	56
11	Diel and seasonal changes of biogenic volatile organic compounds within and above an Amazonian rainforest. Atmospheric Chemistry and Physics, 2015, 15, 3359-3378.	4.9	83
12	The Amazon Tall Tower Observatory (ATTO): overview of pilot measurements on ecosystem ecology, meteorology, trace gases, and aerosols. Atmospheric Chemistry and Physics, 2015, 15, 10723-10776.	4.9	218
13	Simulations of atmospheric OH, O₃ and NO₃ reactivities within and above the boreal forest. Atmospheric Chemistry and Physics, 2015, 15, 3909-3932.	4.9	57
14	Observation and modelling of HO_x radicals in a boreal forest. Atmospheric Chemistry and Physics, 2014, 14, 8723-8747.	4.9	109
15	Seasonal measurements of total OH reactivity emission rates from Norway spruce in 2011. Biogeosciences, 2013, 10, 4241-4257.	3.3	37
16	Total OH reactivity measurements using a new fast Gas Chromatographic Photo-Ionization Detector (GC-PID). Atmospheric Measurement Techniques, 2012, 5, 2981-2992.	3.1	37