

# Anke Noelscher

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6158993/publications.pdf>

Version: 2024-02-01

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	The Amazon Tall Tower Observatory (ATTO): overview of pilot measurements on ecosystem ecology, meteorology, trace gases, and aerosols. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 10723-10776.	4.9	218
2	Towards a quantitative understanding of total OH reactivity: A review. <i>Atmospheric Environment</i> , 2016, 134, 147-161.	4.1	117
3	Observation and modelling of HO <sub>2</sub> radicals in a boreal forest. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 8723-8747.	4.9	109
4	Diel and seasonal changes of biogenic volatile organic compounds within and above an Amazonian rainforest. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 3359-3378.	4.9	83
5	Estimating the atmospheric concentration of Criegee intermediates and their possible interference in a FAGE-LIF instrument. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 7807-7826.	4.9	82
6	How the OH reactivity affects the ozone production efficiency: case studies in Beijing and Heshan, China. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 7127-7142.	4.9	60
7	Simulations of atmospheric OH, O <sub>3</sub> and NO <sub>3</sub> reactivities within and above the boreal forest. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 3909-3932.	4.9	57
8	Opposite OH reactivity and ozone cycles in the Amazon rainforest and megacity Beijing: Subversion of biospheric oxidant control by anthropogenic emissions. <i>Atmospheric Environment</i> , 2016, 125, 112-118.	4.1	56
9	Monoterpene chemical speciation in a tropical rainforest: variation with season, height, and time of day at the Amazon Tall Tower Observatory (ATTO). <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 3403-3418.	4.9	50
10	Airborne microplastic concentrations and deposition across the Weser River catchment. <i>Science of the Total Environment</i> , 2022, 818, 151812.	8.0	47
11	Total OH reactivity measurements using a new fast Gas Chromatographic Photo-Ionization Detector (GC-PID). <i>Atmospheric Measurement Techniques</i> , 2012, 5, 2981-2992.	3.1	37
12	Seasonal measurements of total OH reactivity emission rates from Norway spruce in 2011. <i>Biogeosciences</i> , 2013, 10, 4241-4257.	3.3	37
13	Atmospheric mixing ratios of methyl ethyl ketone (2-butanone) in tropical, boreal, temperate and marine environments. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 10965-10984.	4.9	37
14	Insights into HO <sub>2</sub> and RO <sub>2</sub> chemistry in the boreal forest via measurement of peroxyacetic acid, peroxyacetic nitric anhydride (PAN) and hydrogen peroxide. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 13457-13479.	4.9	28
15	Total OH Reactivity Changes Over the Amazon Rainforest During an El Niño Event. <i>Frontiers in Forests and Global Change</i> , 2018, 1, .	2.3	14
16	Site-scale modeling of surface ozone in Northern Bavaria using machine learning algorithms, regional dynamic models, and a hybrid model. <i>Environmental Pollution</i> , 2021, 268, 115736.	7.5	8