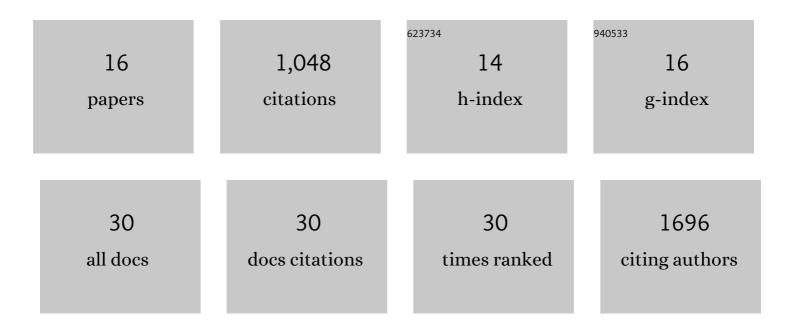
## Anke Noelscher

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6158993/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	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
2	Towards a quantitative understanding of total OH reactivity: A review. Atmospheric Environment, 2016, 134, 147-161.	4.1	117
3	Observation and modelling of HO <sub>x</sub> radicals in a boreal forest. Atmospheric Chemistry and Physics, 2014, 14, 8723-8747.	4.9	109
4	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
5	Estimating the atmospheric concentration of Criegee intermediates and their possible interference in a FACE-LIF instrument. Atmospheric Chemistry and Physics, 2017, 17, 7807-7826.	4.9	82
6	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
7	Simulations of atmospheric OH, O <sub>3</sub> and NO <sub>3</sub> reactivities within and above the boreal forest. Atmospheric Chemistry and Physics, 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. Atmospheric Environment, 2016, 125, 112-118.	4.1	56
9	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
10	Airborne microplastic concentrations and deposition across the Weser River catchment. Science of the Total Environment, 2022, 818, 151812.	8.0	47
11	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
12	Seasonal measurements of total OH reactivity emission rates from Norway spruce in 2011. Biogeosciences, 2013, 10, 4241-4257.	3.3	37
13	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
14	Insights into HO <sub><i>x</i></sub> and RO <sub><i>x</i></sub> 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
15	Total OH Reactivity Changes Over the Amazon Rainforest During an El Niño Event. Frontiers in Forests and Global Change, 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. Environmental Pollution, 2021, 268, 115736.	7.5	8