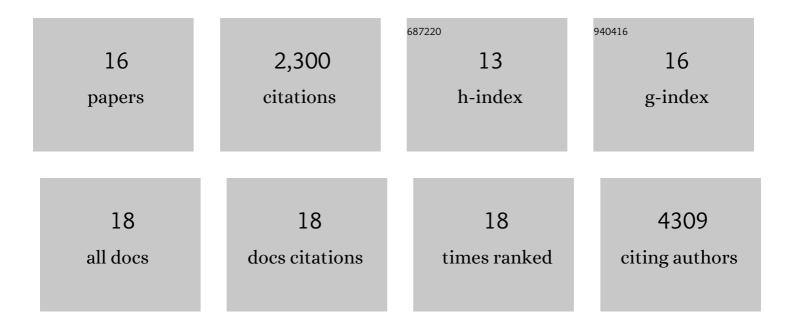
## Martina Schmidt

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Three decades of global methane sources and sinks. Nature Geoscience, 2013, 6, 813-823.	5.4	1,649
2	Verification of German methane emission inventories and their recent changes based on atmospheric observations. Journal of Geophysical Research, 1999, 104, 3447-3456.	3.3	104
3	The first 1-year-long estimate of the Paris region fossil fuel CO <sub>2</sub> emissions based on atmospheric inversion. Atmospheric Chemistry and Physics, 2016, 16, 14703-14726.	1.9	87
4	Western European N2O emissions: A top-down approach based on atmospheric observations. Journal of Geophysical Research, 2001, 106, 5507-5516.	3.3	78
5	Inverse modelling of European CH <sub>4</sub> emissions during 2006–2012 using different inverse models and reassessed atmospheric observations. Atmospheric Chemistry and Physics, 2018, 18, 901-920.	1.9	77
6	A European summertime CO2biogenic flux inversion at mesoscale from continuous in situ mixing ratio measurements. Journal of Geophysical Research, 2011, 116, n/a-n/a.	3.3	57
7	Diurnal, synoptic and seasonal variability of atmospheric CO <sub>2</sub> in the Paris megacity area. Atmospheric Chemistry and Physics, 2018, 18, 3335-3362.	1.9	40
8	Estimating CH <sub>4</sub> , CO <sub>2</sub> and CO emissions from coal mining and industrial activities in the Upper Silesian Coal Basin using an aircraft-based mass balance approach. Atmospheric Chemistry and Physics, 2020, 20, 12675-12695.	1.9	36
9	Retrieval of average CO2fluxes by combining in situ CO2measurements and backscatter lidar information. Journal of Geophysical Research, 2007, 112, .	3.3	33
10	Comparison of nitrous oxide (N <sub>2</sub> O) analyzers for high-precision measurements of atmospheric mole fractions. Atmospheric Measurement Techniques, 2016, 9, 1221-1238.	1.2	30
11	Atmospheric O2, CO2and δ13C observations from the remote sites Jungfraujoch, Switzerland, and Puy de Dôme, France. Geophysical Research Letters, 2005, 32, .	1.5	26
12	Cézeaux-Aulnat-Opme-Puy De Dôme: a multi-site for the long-term survey of the tropospheric composition and climate change. Atmospheric Measurement Techniques, 2020, 13, 3413-3445.	1.2	26
13	An improved method for mobile characterisation of <i>l`</i> <sup>13</sup> CH <sub>4&amp; source signatures and its application in Germany. Atmospheric Measurement Techniques, 2019, 12, 1123-1139.</sub>	amp; t;/sul 1.2	24 24 24 24
14	Controlled-release experiment to investigate uncertainties in UAV-based emission quantification for methane point sources. Atmospheric Measurement Techniques, 2022, 15, 2177-2198.	1.2	14
15	Inter-comparison of 2μm Heterodyne Differential Absorption Lidar, Laser Diode Spectrometer, LICOR NDIR analyzer and flasks measurements of near-ground atmospheric CO2 mixing ratio. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2009, 71, 1914-1921.	2.0	9
16	A Case Study of CO2, CO and Particles Content Evolution in the Suburban Atmospheric Boundary Layer Using a 2-1¼m Doppler DIAL, a 1-1¼m Backscatter Lidar and an Array of In-situ Sensors. Boundary-Layer Meteorology, 2008, 128, 381-401.	1.2	6