Martina Schmidt

List of Publications by Year
in descending order

16 papers	2,300 citations	687220 13 h-index	940416 16 g-index
18 all docs	18 docs citations	18 times ranked	4309 citing authors

#	Article	IF	Citations
1	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
2	Estimating CH₄, CO₂ 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
3	CÃ©zeaux-Aulnat-Opme-Puy De DÃ´me: 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
4	An improved method for mobile characterisation of <i>Î´</i>¹³CH₄ source signatures and its application in Germany. Atmospheric Measurement Techniques, 2019, 12, 1123-1139.	1.2	24
5	Inverse modelling of European CH₄ emissions during 2006â€“2012 using different inverse models and reassessed atmospheric observations. Atmospheric Chemistry and Physics, 2018, 18, 901-920.	1.9	77
6	Diurnal, synoptic and seasonal variability of atmospheric CO₂ in the Paris megacity area. Atmospheric Chemistry and Physics, 2018, 18, 3335-3362.	1.9	40
7	Comparison of nitrous oxide (N₂O) analyzers for high-precision measurements of atmospheric mole fractions. Atmospheric Measurement Techniques, 2016, 9, 1221-1238.	1.2	30
8	The first 1-year-long estimate of the Paris region fossil fuel CO₂ emissions based on atmospheric inversion. Atmospheric Chemistry and Physics, 2016, 16, 14703-14726.	1.9	87
9	Three decades of global methane sources and sinks. Nature Geoscience, 2013, 6, 813-823.	5.4	1,649
10	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
11	Inter-comparison of 2Î¼m 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
12	A Case Study of CO2, CO and Particles Content Evolution in the Suburban Atmospheric Boundary Layer Using a 2-Î¼m Doppler DIAL, a 1-Î¼m Backscatter Lidar and an Array of In-situ Sensors. Boundary-Layer Meteorology, 2008, 128, 381-401.	1.2	6
13	Retrieval of average CO2fluxes by combining in situ CO2measurements and backscatter lidar information. Journal of Geophysical Research, 2007, 112, .	3.3	33
14	Atmospheric O2, CO2and Î´13C observations from the remote sites Jungfraujoch, Switzerland, and Puy de DÃ´me, France. Geophysical Research Letters, 2005, 32, .	1.5	26
15	Western European N2O emissions: A top-down approach based on atmospheric observations. Journal of Geophysical Research, 2001, 106, 5507-5516.	3.3	78
16	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