

Martina Schmidt

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/12018711/publications.pdf>

Version: 2024-02-01

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	Three decades of global methane sources and sinks. <i>Nature Geoscience</i> , 2013, 6, 813-823.	5.4	1,649
2	Verification of German methane emission inventories and their recent changes based on atmospheric observations. <i>Journal of Geophysical Research</i> , 1999, 104, 3447-3456.	3.3	104
3	The first 1-year-long estimate of the Paris region fossil fuel CO ₂ emissions based on atmospheric inversion. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 14703-14726.	1.9	87
4	Western European N ₂ O emissions: A top-down approach based on atmospheric observations. <i>Journal of Geophysical Research</i> , 2001, 106, 5507-5516.	3.3	78
5	Inverse modelling of European CH ₄ emissions during 2006–2012 using different inverse models and reassessed atmospheric observations. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 901-920.	1.9	77
6	A European summertime CO ₂ biogenic flux inversion at mesoscale from continuous in situ mixing ratio measurements. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a.	3.3	57
7	Diurnal, synoptic and seasonal variability of atmospheric CO ₂ in the Paris megacity area. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 3335-3362.	1.9	40
8	Estimating CH ₄ , CO ₂ and CO emissions from coal mining and industrial activities in the Upper Silesian Coal Basin using an aircraft-based mass balance approach. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 12675-12695.	1.9	36
9	Retrieval of average CO ₂ fluxes by combining in situ CO ₂ measurements and backscatter lidar information. <i>Journal of Geophysical Research</i> , 2007, 112, .	3.3	33
10	Comparison of nitrous oxide (N ₂ O) analyzers for high-precision measurements of atmospheric mole fractions. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 1221-1238.	1.2	30
11	Atmospheric O ₂ , CO ₂ and ¹³ C observations from the remote sites Jungfraujoch, Switzerland, and Puy de Dôme, France. <i>Geophysical Research Letters</i> , 2005, 32, .	1.5	26
12	Cañazeaux-Aulnat-Opme-Puy De Dôme: a multi-site for the long-term survey of the tropospheric composition and climate change. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 3413-3445.	1.2	26
13	An improved method for mobile characterisation of ¹³ C/CH ₄ source signatures and its application in Germany. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 1123-1139.	1.2	24
14	Controlled-release experiment to investigate uncertainties in UAV-based emission quantification for methane point sources. <i>Atmospheric Measurement Techniques</i> , 2022, 15, 2177-2198.	1.2	14
15	Inter-comparison of 2½m Heterodyne Differential Absorption Lidar, Laser Diode Spectrometer, LICOR NDIR analyzer and flask measurements of near-ground atmospheric CO ₂ mixing ratio. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 71, 1914-1921.	2.0	9
16	A Case Study of CO ₂ , CO and Particles Content Evolution in the Suburban Atmospheric Boundary Layer Using a 2½m Doppler DIAL, a 1½m Backscatter Lidar and an Array of In-situ Sensors. <i>Boundary-Layer Meteorology</i> , 2008, 128, 381-401.	1.2	6