

Stefan F Schreier

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

153
citations

1478280

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1281743

11
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28
all docs

28
docs citations

28
times ranked

267
citing authors

#	ARTICLE	IF	CITATIONS
1	Intercomparison of NO ₂ , O ₃ , and HCHO slant column measurements by MAX-DOAS and zenith-sky UV-visible spectrometers during CINDI-2. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 2169-2208.	1.2	52
2	Estimates of free-tropospheric NO ₂ and HCHO mixing ratios derived from high-altitude mountain MAX-DOAS observations at midlatitudes and in the tropics. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 2803-2817.	1.9	21
3	Dual ground-based MAX-DOAS observations in Vienna, Austria: Evaluation of horizontal and temporal NO ₂ , HCHO, and CHOCHO distributions and comparison with independent data sets. <i>Atmospheric Environment: X</i> , 2020, 5, 100059.	0.8	18
4	The uncertainty of UTCI due to uncertainties in the determination of radiation fluxes derived from numerical weather prediction and regional climate model simulations. <i>International Journal of Biometeorology</i> , 2013, 57, 207-223.	1.3	14
5	Evaluating different methods for elevation calibration of MAX-DOAS (Multi AXis Differential Optical) Tj ETQq1 1 0.784314 rgBT /Overfoc <i>Atmospheric Measurement Techniques</i> , 2020, 13, 685-712.	1.2	11
6	Near-surface and path-averaged mixing ratios of NO ₂ derived from car DOAS zenith-sky and tower DOAS off-axis measurements in Vienna: a case study. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 5853-5879.	1.9	9
7	Glyoxal tropospheric column retrievals from TROPOMI " multi-satellite intercomparison and ground-based validation. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 7775-7807.	1.2	7
8	Full-azimuthal imaging-DOAS observations of NO ₂ and O ₃ during CINDI-2. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 4171-4190.	1.2	5
9	Evaluation of UV-visible MAX-DOAS aerosol profiling products by comparison with ceilometer, sun photometer, and in situ observations in Vienna, Austria. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 5299-5318.	1.2	5
10	An analysis of 30 years of surface ozone concentrations in Austria: temporal evolution, changes in precursor emissions and chemical regimes, temperature dependence, and lessons for the future. <i>Environmental Science Atmospheres</i> , 2022, 2, 601-615.	0.9	3
11	Investigating the Link Between Glyoxal and Biogenic Activities. <i>Springer Earth System Sciences</i> , 2015, , 59-65.	0.1	1
12	Estimates of NO _x Emission Factors from GOME-2 Measurements for the Major Types of Open Biomass Burning. <i>Springer Earth System Sciences</i> , 2015, , 67-75.	0.1	0