

Stefan Schmitt

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

163
citations

1307366

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h-index

1474057

9
g-index

19
all docs

19
docs citations

19
times ranked

265
citing authors

#	ARTICLE	IF	CITATIONS
1	Intercomparison of MAX-DOAS vertical profile retrieval algorithms: studies on field data from the CINDI-2 campaign. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 1-35.	1.2	32
2	BOREAS – a new MAX-DOAS profile retrieval algorithm for aerosols and trace gases. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 6833-6859.	1.2	27
3	Long open-path measurements of greenhouse gases in air using near-infrared Fourier transform spectroscopy. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 1549-1563.	1.2	27
4	Vertical Profiles of Tropospheric Ozone From MAX-DOAS Measurements During the CINDI-2 Campaign: Part 1 – Development of a New Retrieval Algorithm. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 10,637.	1.2	18
5	Inter-comparison of MAX-DOAS measurements of tropospheric HONO slant column densities and vertical profiles during the CINDI-2 campaign. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 5087-5116.	1.2	18
6	Vertical distribution of BrO in the boundary layer at the Dead Sea. <i>Environmental Chemistry</i> , 2015, 12, 438.	0.7	16
7	Estimation of ship emission rates at a major shipping lane by long-path DOAS measurements. <i>Atmospheric Measurement Techniques</i> , 2021, 14, 5791-5807.	1.2	9
8	Detection of O_4 absorption around 328 and 419 nm in measured atmospheric absorption spectra. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 1671-1683.	1.9	7
9	Recent improvements of long-path DOAS measurements: impact on accuracy and stability of short-term and automated long-term observations. <i>Atmospheric Measurement Techniques</i> , 2019, 12, 4149-4169.	1.2	7