

# Johannes Zielcke

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5292161/publications.pdf>

Version: 2024-02-01

9  
papers

406  
citations

1307594

7  
h-index

1474206

9  
g-index

14  
all docs

14  
docs citations

14  
times ranked

591  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photochemical production of molecular bromine in Arctic surface snowpacks. <i>Nature Geoscience</i> , 2013, 6, 351-356.	12.9	175
2	On the absolute calibration of SO <sub>2</sub> cameras. <i>Atmospheric Measurement Techniques</i> , 2013, 6, 677-696.	3.1	54
3	Observations of bromine monoxide transport in the Arctic sustained on aerosol particles. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 7567-7579.	4.9	44
4	Dependence of the vertical distribution of bromine monoxide in the lower troposphere on meteorological factors such as wind speed and stability. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 2119-2137.	4.9	41
5	The Heidelberg Airborne Imaging DOAS Instrument (HAIDI) – a novel imaging DOAS device for 2-D and 3-D imaging of trace gases and aerosols. <i>Atmospheric Measurement Techniques</i> , 2014, 7, 3459-3485.	3.1	33
6	The NO <sub>x</sub> dependence of bromine chemistry in the Arctic atmospheric boundary layer. <i>Atmospheric Chemistry and Physics</i> , 2015, 15, 10799-10809.	4.9	23
7	Springtime Bromine Activation over Coastal and Inland Arctic Snowpacks. <i>ACS Earth and Space Chemistry</i> , 2018, 2, 1075-1086.	2.7	22
8	Detection of O <sub>4</sub> absorption around 328 and 419 nm in measured atmospheric absorption spectra. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 1671-1683.	4.9	7
9	The role of open lead interactions in atmospheric ozone variability between Arctic coastal and inland sites. <i>Elementa</i> , 2016, 4, .	3.2	6