

# Franziska KÄgllner

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4773756/publications.pdf>

Version: 2024-02-01

17  
papers

938  
citations

759055

12  
h-index

887953

17  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1412  
citing authors

#	ARTICLE	IF	CITATIONS
1	Airborne survey of trace gases and aerosols over the Southern Baltic Sea: from clean marine boundary layer to shipping corridor effect. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 72, 1695349.	0.8	7
2	Design, characterization, and first field deployment of a novel aircraft-based aerosol mass spectrometer combining the laser ablation and flash vaporization techniques. <i>Atmospheric Measurement Techniques</i> , 2022, 15, 2889-2921.	1.2	3
3	Aircraft-based observation of meteoric material in lower-stratospheric aerosol particles between 15 and 68°N. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 989-1013.	1.9	18
4	Chemical composition and source attribution of sub-micrometre aerosol particles in the summertime Arctic lower troposphere. <i>Atmospheric Chemistry and Physics</i> , 2021, 21, 6509-6539.	1.9	5
5	Application of an O-ring pinch device as a constant-pressure inlet (CPI) for airborne sampling. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 3651-3660.	1.2	9
6	Optimizing the detection, ablation, and ion extraction efficiency of a single-particle laser ablation mass spectrometer for application in environments with low aerosol particle concentrations. <i>Atmospheric Measurement Techniques</i> , 2020, 13, 5923-5953.	1.2	10
7	Overview paper: New insights into aerosol and climate in the Arctic. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 2527-2560.	1.9	134
8	Characterization of transport regimes and the polar dome during Arctic spring and summer using in situ aircraft measurements. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 15049-15071.	1.9	25
9	The Arctic Cloud Puzzle: Using ACLOUD/PASCAL Multiplatform Observations to Unravel the Role of Clouds and Aerosol Particles in Arctic Amplification. <i>Bulletin of the American Meteorological Society</i> , 2019, 100, 841-871.	1.7	145
10	A comprehensive in situ and remote sensing data set from the Arctic CLOUD Observations Using airborne measurements during polar Day (ACLOUD) campaign. <i>Earth System Science Data</i> , 2019, 11, 1853-1881.	3.7	42
11	Evidence for marine biogenic influence on summertime Arctic aerosol. <i>Geophysical Research Letters</i> , 2017, 44, 6460-6470.	1.5	56
12	Particulate trimethylamine in the summertime Canadian high Arctic lower troposphere. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 13747-13766.	1.9	49
13	Summertime observations of elevated levels of ultrafine particles in the high Arctic marine boundary layer. <i>Atmospheric Chemistry and Physics</i> , 2017, 17, 5515-5535.	1.9	62
14	Effects of 20–100 nm particles on liquid clouds in the clean summertime Arctic. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 11107-11124.	1.9	94
15	Ship emissions measurement in the Arctic by plume intercepts of the Canadian Coast Guard icebreaker <i>Amundsen</i> from the <i>Polar 6</i> aircraft platform. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 7899-7916.	1.9	32
16	Growth of nucleation mode particles in the summertime Arctic: a case study. <i>Atmospheric Chemistry and Physics</i> , 2016, 16, 7663-7679.	1.9	111
17	The summertime Boreal forest field measurement intensive (HUMPPA-COPEC-2010): an overview of meteorological and chemical influences. <i>Atmospheric Chemistry and Physics</i> , 2011, 11, 10599-10618.	1.9	108