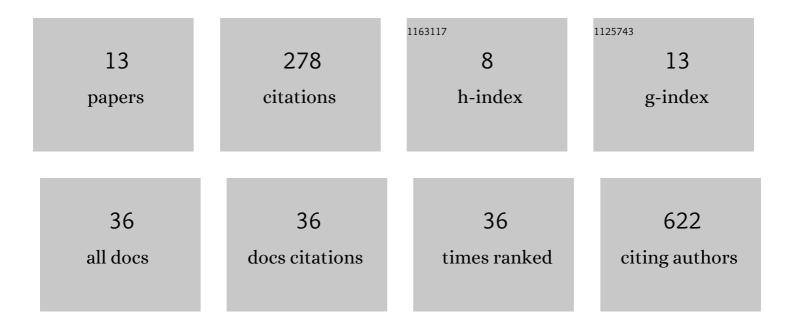
Isabell Krisch

List of Publications by Year in descending order

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ISABELL KDISCH

#	Article	IF	CITATIONS
1	On the derivation of zonal and meridional wind components from Aeolus horizontal line-of-sight wind. Atmospheric Measurement Techniques, 2022, 15, 3465-3479.	3.1	6
2	Atmospheric Gravity Waves in Aeolus Wind Lidar Observations. Geophysical Research Letters, 2021, 48, e2021GL092756.	4.0	15
3	Orographically induced spontaneous imbalance within the jet causing a large-scale gravity wave event. Atmospheric Chemistry and Physics, 2021, 21, 10393-10412.	4.9	9
4	Dynamical and surface impacts of the JanuaryÂ2021 sudden stratospheric warming in novel Aeolus wind observations, MLS and ERA5. Weather and Climate Dynamics, 2021, 2, 1283-1301.	3.5	13
5	Superposition of gravity waves with different propagation characteristics observed by airborne and space-borne infrared sounders. Atmospheric Chemistry and Physics, 2020, 20, 11469-11490.	4.9	11
6	3-D tomographic limb sounder retrieval techniques: irregular grids and Laplacian regularisation. Atmospheric Measurement Techniques, 2019, 12, 853-872.	3.1	6
7	Limited angle tomography of mesoscale gravity waves by the infrared limb-sounder GLORIA. Atmospheric Measurement Techniques, 2018, 11, 4327-4344.	3.1	13
8	Mesoscale fine structure of a tropopause fold over mountains. Atmospheric Chemistry and Physics, 2018, 18, 15643-15667.	4.9	15
9	Characterization of blackbody inhomogeneity and its effect on the retrieval results of the GLORIA instrument. Atmospheric Measurement Techniques, 2018, 11, 3871-3882.	3.1	3
10	First tomographic observations of gravity waves by the infrared limb imager GLORIA. Atmospheric Chemistry and Physics, 2017, 17, 14937-14953.	4.9	51
11	Satellite observations of middle atmosphere gravity wave absolute momentum flux and of its vertical gradient during recent stratospheric warmings. Atmospheric Chemistry and Physics, 2016, 16, 9983-10019.	4.9	59
12	Quantifying Emerging Local Anthropogenic Emissions in the Arctic Region: The ACCESS Aircraft Campaign Experiment. Bulletin of the American Meteorological Society, 2015, 96, 441-460.	3.3	60
13	Polymer oated PtCo Nanoparticles Deposited on Diblock Copolymer Templates: Chemical Selectivity versus Topographical Effects. ChemPhysChem, 2014, 15, 2236-2239.	2.1	8