

Ludwig Ries

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

696
citations

623574

14
h-index

713332

21
g-index

35
all docs

35
docs citations

35
times ranked

1687
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term trends of black carbon and particle number concentration in the lower free troposphere in Central Europe. <i>Environmental Sciences Europe</i> , 2021, 33, .	2.6	12
2	Decreasing trends of particle number and black carbon mass concentrations at 16 observational sites in Germany from 2009 to 2018. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 7049-7068.	1.9	28
3	Zonal Similarity of Long-Term Changes and Seasonal Cycles of Baseline Ozone at Northern Midlatitudes. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031908.	1.2	27
4	Very high stratospheric influence observed in the free troposphere over the northern Alps – just a local phenomenon?. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 243-266.	1.9	18
5	Multi-decadal surface ozone trends at globally distributed remote locations. <i>Elementa</i> , 2020, 8, .	1.1	54
6	Multidecadal trend analysis of in situ aerosol radiative properties around the world. <i>Atmospheric Chemistry and Physics</i> , 2020, 20, 8867-8908.	1.9	58
7	Pollution Events at the High-Altitude Mountain Site Zugspitze-Schneefernerhaus (2670 m a.s.l.), Germany. <i>Atmosphere</i> , 2019, 10, 330.	1.0	11
8	On the diurnal, weekly, and seasonal cycles and annual trends in atmospheric CO ₂ and CH ₄ at Mount Zugspitze, Germany, during 1981–2016. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 999-1012.	1.9	24
9	Multivariate statistical air mass classification for the high-alpine observatory at the Zugspitze Mountain, Germany. <i>Atmospheric Chemistry and Physics</i> , 2019, 19, 12477-12494.	1.9	4
10	Comparison of Continuous In-Situ CO ₂ Measurements with Co-Located Column-Averaged XCO ₂ TCCON/Satellite Observations and CarbonTracker Model Over the Zugspitze Region. <i>Remote Sensing</i> , 2019, 11, 2981.	1.8	7
11	The MUSICA IASI CH ₄ and N ₂ O products and their comparison to HIPPO, GAW and NDACC FTIR references. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 4171-4215.	1.2	18
12	Peroxy acetyl nitrate (PAN) measurements at northern midlatitude mountain sites in April: a constraint on continental source–receptor relationships. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 15345-15361.	1.9	3
13	Identification of topographic features influencing aerosol observations at high altitude stations. <i>Atmospheric Chemistry and Physics</i> , 2018, 18, 12289-12313.	1.9	31
14	Adaptive selection of diurnal minimum variation: a statistical strategy to obtain representative atmospheric CO ₂ data and its application to European elevated mountain stations. <i>Atmospheric Measurement Techniques</i> , 2018, 11, 1501-1514.	1.2	16
15	Tropospheric Ozone Assessment Report: Database and metrics data of global surface ozone observations. <i>Elementa</i> , 2017, 5, .	1.1	172
16	Ambient Air Levels of Organochlorine Pesticides at Three High Alpine Monitoring Stations: Trends and Dependencies on Geographical Origin. <i>Aerosol and Air Quality Research</i> , 2016, 16, 738-751.	0.9	20
17	Seasonal and Diurnal Variation of Formaldehyde and its Meteorological Drivers at the GAW Site Zugspitze. <i>Aerosol and Air Quality Research</i> , 2016, 16, 801-815.	0.9	19
18	Intercomparison of 15 aerodynamic particle size spectrometers (APS 3321): uncertainties in particle sizing and number size distribution. <i>Atmospheric Measurement Techniques</i> , 2016, 9, 1545-1551.	1.2	39

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19	Long-term observations of tropospheric particle number size distributions and equivalent black carbon mass concentrations in the German Ultrafine Aerosol Network (GUAN). <i>Earth System Science Data</i> , 2016, 8, 355-382.	3.7	63
20	A case of transatlantic aerosol transport detected at the Schneefernerhaus Observatory (2650 m) on the northern edge of the Alps. <i>Meteorologische Zeitschrift</i> , 2010, 19, 591-600.	0.5	10
21	Transport of nitrogen oxides, carbon monoxide and ozone to the Alpine Global Atmosphere Watch stations Jungfraujoch (Switzerland), Zugspitze and Hohenpeissenberg (Germany), Sonnblick (Austria) and Mt. Kravavec (Slovenia). <i>Atmospheric Environment</i> , 2007, 41, 9273-9287.	1.9	55