# Ludwig Ries

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1698857/publications.pdf

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| 21 | 696 | 623574 | 713332 |
|---|---|---|---|
| papers | citations | 14 h-index | 21 g-index |

| 35 | 35 | 35 | 1687 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Tropospheric Ozone Assessment Report: Database and metrics data of global surface ozone observations. Elementa, 2017, 5, . | 1.1 | 172 |
| 2 | Long-term observations of tropospheric particle number size distributions and equivalent black carbon mass concentrations in the German Ultrafine Aerosol Network (GUAN). Earth System Science Data, 2016, 8, 355-382. | 3.7 | 63 |
| 3 | Multidecadal trend analysis of in situ aerosol radiative properties around the world. Atmospheric Chemistry and Physics, 2020, 20, 8867-8908. | 1.9 | 58 |
| 4 | 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. Krvavec (Slovenia). Atmospheric Environment, 2007, 41, 9273-9287. | 1.9 | 55 |
| 5 | Multi-decadal surface ozone trends at globally distributed remote locations. Elementa, 2020, 8, . | 1.1 | 54 |
| 6 | Intercomparison of 15 aerodynamic particle size spectrometers (APS 3321): uncertainties in particle sizing and number size distribution. Atmospheric Measurement Techniques, 2016, 9, 1545-1551. | 1.2 | 39 |
| 7 | Identification of topographic features influencing aerosol observations at high altitude stations. Atmospheric Chemistry and Physics, 2018, 18, 12289-12313. | 1.9 | 31 |
| 8 | Decreasing trends of particle number and black carbon mass concentrations at 16 observational sites in Germany from 2009 to 2018. Atmospheric Chemistry and Physics, 2020, 20, 7049-7068. | 1.9 | 28 |
| 9 | Zonal Similarity of Longâ€Term Changes and Seasonal Cycles of Baseline Ozone at Northern Midlatitudes. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031908. | 1.2 | 27 |
| 10 | On the diurnal, weekly, and seasonal cycles and annual trends in atmospheric CO<sub>2</sub> at Mount Zugspitze, Germany, during 1981â€“2016. Atmospheric Chemistry and Physics, 2019, 19, 999-1012. | 1.9 | 24 |
| 11 | Ambient Air Levels of Organochlorine Pesticides at Three High Alpine Monitoring Stations: Trends and Dependencies on Geographical Origin. Aerosol and Air Quality Research, 2016, 16, 738-751. | 0.9 | 20 |
| 12 | Seasonal and Diurnal Variation of Formaldehyde and its Meteorological Drivers at the GAW Site Zugspitze. Aerosol and Air Quality Research, 2016, 16, 801-815. | 0.9 | 19 |
| 13 | The MUSICA IASI CH<sub>4</sub> and N<sub>2</sub>O products and their comparison to HIPPO, GAW and NDACC FTIR references. Atmospheric Measurement Techniques, 2018, 11, 4171-4215. | 1.2 | 18 |
| 14 | Very high stratospheric influence observed in the free troposphere over the northern Alps â€“ just a local phenomenon?. Atmospheric Chemistry and Physics, 2020, 20, 243-266. | 1.9 | 18 |
| 15 | Adaptive selection of diurnal minimum variation: a statistical strategy to obtain representative atmospheric CO<sub>2</sub> data and its application to European elevated mountain stations. Atmospheric Measurement Techniques, 2018, 11, 1501-1514. | 1.2 | 16 |
| 16 | Long-term trends of black carbon and particle number concentration in the lower free troposphere in Central Europe. Environmental Sciences Europe, 2021, 33, . | 2.6 | 12 |
| 17 | Pollution Events at the High-Altitude Mountain Site Zugspitze-Schneefernerhaus (2670 m a.s.l.), Germany. Atmosphere, 2019, 10, 330. | 1.0 | 11 |
| 18 | A case of transatlantic aerosol transport detected at the Schneefernerhaus Observatory (2650 m) on the northern edge of the Alps. Meteorologische Zeitschrift, 2010, 19, 591-600. | 0.5 | 10 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Comparison of Continuous In-Situ CO2 Measurements with Co-Located Column-Averaged XCO2 TCCON/Satellite Observations and CarbonTracker Model Over the Zugspitze Region. Remote Sensing, 2019, 11, 2981. | 1.8 | 7 |
| 20 | Multivariate statistical air mass classification for the high-alpine observatory at the Zugspitze Mountain, Germany. Atmospheric Chemistry and Physics, 2019, 19, 12477-12494. | 1.9 | 4 |
| 21 | Peroxy acetyl nitrate (PAN) measurements at northern midlatitude mountain sites in April: a constraint on continental sourceâ€“receptor relationships. Atmospheric Chemistry and Physics, 2018, 18, 15345-15361. | 1.9 | 3 |