

Anu Dudhia

List of Publications by Year in descending order

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933447

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813
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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Level2 processor and auxiliary data for ESA Version 8 final full mission analysis of MIPAS measurements on ENVISAT. Atmospheric Measurement Techniques, 2022, 15, 1871-1901. | 3.1 | 2 |
| 2 | The ESA MIPAS/Envisat level2-v8 dataset: 10 years of measurements retrieved with ORM v8.22. Atmospheric Measurement Techniques, 2021, 14, 7975-7998. | 3.1 | 5 |
| 3 | Fast radiative transfer using monochromatic look-up tables. Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 186, 254-264. | 2.3 | 10 |
| 4 | The Reference Forward Model (RFM). Journal of Quantitative Spectroscopy and Radiative Transfer, 2017, 186, 243-253. | 2.3 | 80 |
| 5 | Fast retrievals of tropospheric carbonyl sulfide with IASI. Atmospheric Chemistry and Physics, 2017, 17, 2981-3000. | 4.9 | 9 |
| 6 | Merged ozone profiles from four MIPAS processors. Atmospheric Measurement Techniques, 2017, 10, 1511-1518. | 3.1 | 3 |
| 7 | The vertical distribution of volcanic SO ₂ plumes measured by IASI. Atmospheric Chemistry and Physics, 2016, 16, 4343-4367. | 4.9 | 47 |
| 8 | Vertical level selection for temperature and trace gas profile retrievals using IASI. Atmospheric Measurement Techniques, 2015, 8, 2359-2369. | 3.1 | 4 |
| 9 | Past changes in the vertical distribution of ozone – Part 1: Measurement techniques, uncertainties and availability. Atmospheric Measurement Techniques, 2014, 7, 1395-1427. | 3.1 | 67 |
| 10 | Satellite observations of stratospheric carbonyl fluoride. Atmospheric Chemistry and Physics, 2014, 14, 11915-11933. | 4.9 | 13 |
| 11 | Comparison of the MIPAS products obtained by four different level 2 processors. Annals of Geophysics, 2014, 56, . | 1.0 | 6 |
| 12 | Ten years of MIPAS measurements with ESA Level 2 processor V6 – Part 1: Retrieval algorithm and diagnostics of the products. Atmospheric Measurement Techniques, 2013, 6, 2419-2439. | 3.1 | 66 |
| 13 | A non-iterative linear retrieval for infrared high-resolution limb sounders. Atmospheric Measurement Techniques, 2013, 6, 1381-1396. | 3.1 | 0 |
| 14 | Microwindow selection for high-spectral-resolution sounders. Applied Optics, 2002, 41, 3665. | 2.1 | 125 |
| 15 | Fast monochromatic radiative transfer calculations for limb sounding. Journal of Quantitative Spectroscopy and Radiative Transfer, 2002, 74, 745-756. | 2.3 | 35 |
| 16 | Optimized forward model and retrieval scheme for MIPAS near-real-time data processing. Applied Optics, 2000, 39, 1323. | 2.1 | 188 |
| 17 | Optimized spectral microwindows for data analysis of the Michelson Interferometer for Passive Atmospheric Sounding on the Environmental Satellite. Applied Optics, 2000, 39, 5531. | 2.1 | 45 |
| 18 | A dual-satellite algorithm for deriving sea surface temperature. Quarterly Journal of the Royal Meteorological Society, 1988, 114, 1305-1319. | 2.7 | 2 |