

Juying Warner

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

2,035
citations

430874

18
h-index

752698

20
g-index

30
all docs

30
docs citations

30
times ranked

2471
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Operational carbon monoxide retrieval algorithm and selected results for the MOPITT instrument. <i>Journal of Geophysical Research</i> , 2003, 108, . | 3.3 | 378 |
| 2 | Increased atmospheric ammonia over the world's major agricultural areas detected from space. <i>Geophysical Research Letters</i> , 2017, 44, 2875-2884. | 4.0 | 275 |
| 3 | Decadal record of satellite carbon monoxide observations. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 837-850. | 4.9 | 207 |
| 4 | Asian outflow and trans-Pacific transport of carbon monoxide and ozone pollution: An integrated satellite, aircraft, and model perspective. <i>Journal of Geophysical Research</i> , 2003, 108, n/a-n/a. | 3.3 | 196 |
| 5 | Daily global maps of carbon monoxide from NASA's Atmospheric Infrared Sounder. <i>Geophysical Research Letters</i> , 2005, 32, . | 4.0 | 178 |
| 6 | Alaskan and Canadian forest fires exacerbate ozone pollution over Houston, Texas, on 19 and 20 July 2004. <i>Journal of Geophysical Research</i> , 2006, 111, . | 3.3 | 138 |
| 7 | Evidence of vertical transport of carbon monoxide from Measurements of Pollution in the Troposphere (MOPITT). <i>Geophysical Research Letters</i> , 2004, 31, . | 4.0 | 87 |
| 8 | A comparison of satellite tropospheric carbon monoxide measurements from AIRS and MOPITT during INTEX-A. <i>Journal of Geophysical Research</i> , 2007, 112, . | 3.3 | 85 |
| 9 | Intercontinental Chemical Transport Experiment Ozone-sonde Network Study (IONS) 2004: 2. Tropospheric ozone budgets and variability over northeastern North America. <i>Journal of Geophysical Research</i> , 2007, 112, . | 3.3 | 77 |
| 10 | Improved agreement of AIRS tropospheric carbon monoxide products with other EOS sensors using optimal estimation retrievals. <i>Atmospheric Chemistry and Physics</i> , 2010, 10, 9521-9533. | 4.9 | 61 |
| 11 | Global ozone-CO correlations from OMI and AIRS: constraints on tropospheric ozone sources. <i>Atmospheric Chemistry and Physics</i> , 2013, 13, 9321-9335. | 4.9 | 60 |
| 12 | AIRS views transport from 12 to 22 July 2004 Alaskan/Canadian fires: Correlation of AIRS CO and MODIS AOD with forward trajectories and comparison of AIRS CO retrievals with DC-8 in situ measurements during INTEX-A/ICARTT. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 52 |
| 13 | Air pollution trends measured from Terra: CO and AOD over industrial, fire-prone, and background regions. <i>Remote Sensing of Environment</i> , 2021, 256, 112275. | 11.0 | 41 |
| 14 | Evaluation of operational radiances for the Measurements of Pollution in the Troposphere (MOPITT) instrument CO thermal band channels. <i>Journal of Geophysical Research</i> , 2004, 109, n/a-n/a. | 3.3 | 40 |
| 15 | Spatial and temporal variation of MOPITT CO in Africa and South America: A comparison with SHADOZ ozone and MODIS aerosol. <i>Journal of Geophysical Research</i> , 2004, 109, . | 3.3 | 40 |
| 16 | Cloud detection and clearing for the Earth Observing System Terra satellite Measurements of Pollution in the Troposphere (MOPITT) experiment. <i>Applied Optics</i> , 2001, 40, 1269. | 2.1 | 34 |
| 17 | Global carbon monoxide products from combined AIRS, TES and MLS measurements on A-train satellites. <i>Atmospheric Chemistry and Physics</i> , 2014, 14, 103-114. | 4.9 | 25 |
| 18 | Validation of Carbon Trace Gas Profile Retrievals from the NOAA-Unique Combined Atmospheric Processing System for the Cross-Track Infrared Sounder. <i>Remote Sensing</i> , 2020, 12, 3245. | 4.0 | 23 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Satellite observation of atmospheric methane: intercomparison between AIRS and GOSAT TANSO-FTS retrievals. Atmospheric Measurement Techniques, 2016, 9, 3567-3576. | 3.1 | 14 |
| 20 | Tropospheric CO vertical profiles deduced from total columns using data assimilation: methodology and validation. Atmospheric Measurement Techniques, 2014, 7, 3035-3057. | 3.1 | 7 |
| 21 | Cloud detection and clearing for the MOPITT instrument. , 1999, , . | | 2 |
| 22 | EOS MOPITT experiment: extracting the information from the measurements. , 1999, , . | | 2 |
| 23 | Validation of the retrieval of surface skin temperature and surface emissivity from MOPITT measurements and their impacts on the retrieval of tropospheric carbon monoxide profiles. , 2003, , . | | 1 |
| 24 | Validating MOPITT cloud detection techniques with MAS images. , 1999, , . | | 0 |
| 25 | Airborne hyperspectral data collection with the UMBC VNIR sensor. , 2006, 6299, 155. | | 0 |