

Quanhua Liu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4127221/publications.pdf>

Version: 2024-02-01

127
papers

6,933
citations

236925

25
h-index

60623

81
g-index

128
all docs

128
docs citations

128
times ranked

8195
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | The NCEP Climate Forecast System Reanalysis. <i>Bulletin of the American Meteorological Society</i> , 2010, 91, 1015-1058. | 3.3 | 4,166 |
| 2 | Suomi NPP VIIRS sensor data record verification, validation, and long-term performance monitoring. <i>Journal of Geophysical Research D: Atmospheres</i> , 2013, 118, 11,664. | 3.3 | 252 |
| 3 | Evaluation of the VIIRS and MODIS LST products in an arid area of Northwest China. <i>Remote Sensing of Environment</i> , 2014, 142, 111-121. | 11.0 | 192 |
| 4 | MIRS: An All-Weather 1DVAR Satellite Data Assimilation and Retrieval System. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2011, 49, 3249-3272. | 6.3 | 188 |
| 5 | Three-dimensional variational assimilation of MODIS aerosol optical depth: Implementation and application to a dust storm over East Asia. <i>Journal of Geophysical Research</i> , 2011, 116, n/a-n/a. | 3.3 | 170 |
| 6 | Advanced Doubling-Adding Method for Radiative Transfer in Planetary Atmospheres. <i>Journals of the Atmospheric Sciences</i> , 2006, 63, 3459-3465. | 1.7 | 144 |
| 7 | Performance of the Ozone Mapping and Profiler Suite (OMPS) products. <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 6181-6195. | 3.3 | 116 |
| 8 | An Improved Fast Microwave Water Emissivity Model. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2011, 49, 1238-1250. | 6.3 | 113 |
| 9 | A fast radiative transfer model for SSMIS upper atmosphere sounding channels. <i>Journal of Geophysical Research</i> , 2007, 112, . | 3.3 | 92 |
| 10 | Validation of the community radiative transfer model. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2011, 112, 1050-1064. | 2.3 | 87 |
| 11 | Validation of the Community Radiative Transfer Model by using CloudSat data. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 84 |
| 12 | Satellite Data Assimilation in Numerical Weather Prediction Models. Part I: Forward Radiative Transfer and Jacobian Modeling in Cloudy Atmospheres. <i>Journals of the Atmospheric Sciences</i> , 2003, 60, 2633-2646. | 1.7 | 66 |
| 13 | One-dimensional variational retrieval algorithm of temperature, water vapor, and cloud water profiles from advanced microwave sounding unit (AMSU). <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2005, 43, 1087-1095. | 6.3 | 56 |
| 14 | Validation of Atmospheric Profile Retrievals From the SNPP NOAA-Unique Combined Atmospheric Processing System. Part 1: Temperature and Moisture. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 180-190. | 6.3 | 53 |
| 15 | Outgoing longwave radiation and its diurnal variation at regional scales derived from Meteosat. <i>Journal of Geophysical Research</i> , 1988, 93, 11192-11204. | 3.3 | 49 |
| 16 | Three-dimensional radiative transfer effects of clouds in the microwave spectral range. <i>Journal of Geophysical Research</i> , 1996, 101, 4289-4298. | 3.3 | 48 |
| 17 | Community Radiative Transfer Model (CRTM) applications in supporting the Suomi National Polar-orbiting Partnership (SNPP) mission validation and verification. <i>Remote Sensing of Environment</i> , 2014, 140, 744-754. | 11.0 | 48 |
| 18 | Passive Microwave Remote Sensing of Extreme Weather Events Using NOAA-18 AMSUA and MHS. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2007, 45, 2228-2246. | 6.3 | 43 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Scattering database in the millimeter and submillimeter wave range of 100–1000 GHz for nonspherical ice particles. <i>Journal of Geophysical Research</i> , 2009, 114, . | 3.3 | 41 |
| 20 | Effect of Cloud Types on the Earth Radiation Budget Calculated with the ISCCP CI Dataset: Methodology and Initial Results. <i>Journal of Climate</i> , 1995, 8, 829-843. | 3.2 | 37 |
| 21 | Impact Study of AMSR-E Radiances in the NCEP Global Data Assimilation System. <i>Monthly Weather Review</i> , 2008, 136, 541-559. | 1.4 | 33 |
| 22 | Radiative transfer model: matrix operator method. <i>Applied Optics</i> , 1996, 35, 4229. | 2.1 | 32 |
| 23 | Combined Henyey-Greenstein and Rayleigh phase function. <i>Applied Optics</i> , 2006, 45, 7475. | 2.1 | 30 |
| 24 | A Microwave Polarimetric Two-Stream Radiative Transfer Model. <i>Journals of the Atmospheric Sciences</i> , 2002, 59, 2396-2402. | 1.7 | 28 |
| 25 | Retrieval of Antarctic sea-ice pressure ridge frequencies from ERS SAR imagery by means of in situ laser profiling and usage of a neural network. <i>International Journal of Remote Sensing</i> , 1999, 20, 3111-3123. | 2.9 | 27 |
| 26 | Estimates of radiation over clouds and dust aerosols: Optimized number of terms in phase function expansion. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2009, 110, 1190-1198. | 2.3 | 26 |
| 27 | Evaluating a satellite-derived global infrared land surface emissivity data set for use in radiative transfer modeling. <i>Journal of Geophysical Research</i> , 2011, 116, . | 3.3 | 26 |
| 28 | Solar and wind energy resources and prediction. <i>Journal of Renewable and Sustainable Energy</i> , 2009, 1, . | 2.0 | 25 |
| 29 | Retrieval of sea surface wind vectors from simulated satellite microwave polarimetric measurements. <i>Radio Science</i> , 2003, 38, n/a-n/a. | 1.6 | 24 |
| 30 | Estimating Longwave Net Radiation at Sea Surface from the Special Sensor Microwave/Imager (SSM/I). <i>Journal of Applied Meteorology and Climatology</i> , 1997, 36, 919-930. | 1.7 | 23 |
| 31 | Improvements on the ice cloud modeling capabilities of the Community Radiative Transfer Model. <i>Journal of Geophysical Research D: Atmospheres</i> , 2016, 121, 13,577. | 3.3 | 23 |
| 32 | Single-scattering properties of ice particles in the microwave regime: Temperature effect on the ice refractive index with implications in remote sensing. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2017, 190, 26-37. | 2.3 | 23 |
| 33 | Validation of Atmospheric Profile Retrievals from the SNPP NOAA-Unique Combined Atmospheric Processing System. Part 2: Ozone. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 598-607. | 6.3 | 21 |
| 34 | Toward the Operational Weather Forecasting Application of Atmospheric Stability Products Derived From NUCAPS CrIS/ATMS Soundings. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 4522-4545. | 6.3 | 20 |
| 35 | A Methodology to Adjust ATMS Observations for Limb Effect and Its Applications. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 11,347. | 3.3 | 18 |
| 36 | A Polarized Delta-Four-Stream Approximation for Infrared and Microwave Radiative Transfer: Part I. <i>Journals of the Atmospheric Sciences</i> , 2005, 62, 2542-2554. | 1.7 | 17 |

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 37 | Evaluation of the Sensor Data Record from the nadir instruments of the Ozone Mapping Profiler Suite (OMPS). <i>Journal of Geophysical Research D: Atmospheres</i> , 2014, 119, 6170-6180. | 3.3 | 17 |
| 38 | Solar Radiation as Large-Scale Resource for Energy-Short World. <i>Energy and Environment</i> , 2009, 20, 319-329. | 4.6 | 16 |
| 39 | The Application of PCRTM Physical Retrieval Methodology for IASI Cloudy Scene Analysis. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2017, 55, 5042-5056. | 6.3 | 16 |
| 40 | Developing Vicarious Calibration for Microwave Sounding Instruments Using Lunar Radiation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018, 56, 6723-6733. | 6.3 | 16 |
| 41 | Post calibration of channels 1 and 2 of long-term AVHRR data record based on SeaWiFS data and pseudo-invariant targets. <i>Remote Sensing of Environment</i> , 2014, 150, 104-119. | 11.0 | 15 |
| 42 | Community radiative transfer model for radiance assimilation and applications. , 2012, , . | | 14 |
| 43 | Microwave scattering properties of sand particles: Application to the simulation of microwave radiances over sandstorms. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2008, 109, 684-702. | 2.3 | 13 |
| 44 | A study of AMSUâ€œA measurement of brightness temperatures over the ocean. <i>Journal of Geophysical Research</i> , 2008, 113, . | 3.3 | 13 |
| 45 | Striping in the Suomi NPP VIIRS Thermal Bands through Anisotropic Surface Reflection. <i>Journal of Atmospheric and Oceanic Technology</i> , 2013, 30, 2478-2487. | 1.3 | 13 |
| 46 | Satellite Sounder Observations of Contrasting Tropospheric Moisture Transport Regimes: Saharan Air Layers, Hadley Cells, and Atmospheric Rivers. <i>Journal of Hydrometeorology</i> , 2016, 17, 2997-3006. | 1.9 | 13 |
| 47 | NOAA Operational Microwave Sounding Radiometer Data Quality Monitoring and Anomaly Assessment Using COSMIC GNSS Radio-Occultation Soundings. <i>Remote Sensing</i> , 2020, 12, 828. | 4.0 | 13 |
| 48 | Detecting the warm core of a hurricane from the Special Sensor Microwave Imager Sounder. <i>Geophysical Research Letters</i> , 2006, 33, . | 4.0 | 12 |
| 49 | Community Radiative Transfer Model for Stratospheric Sounding Unit. <i>Journal of Atmospheric and Oceanic Technology</i> , 2011, 28, 767-778. | 1.3 | 12 |
| 50 | Using Advanced Matrix Operator (AMOM) in Community Radiative Transfer Model. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2013, 6, 1211-1218. | 4.9 | 12 |
| 51 | The NOAA Microwave Integrated Retrieval System (MiRS): Validation of Precipitation From Multiple Polar-Orbiting Satellites. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2020, 13, 3019-3031. | 4.9 | 12 |
| 52 | Recent Stratospheric Temperature Observed from Satellite Measurements. <i>Scientific Online Letters on the Atmosphere</i> , 2009, 5, 53-56. | 1.4 | 12 |
| 53 | Sensor-based clear and cloud radiance calculations in the community radiative transfer model. <i>Applied Optics</i> , 2013, 52, 4981. | 1.8 | 11 |
| 54 | GPM Products From the Microwave-Integrated Retrieval System. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2017, 10, 2565-2574. | 4.9 | 11 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 55 | Multiple Hydrometeors All-Sky Microwave Radiance Assimilation in FV3GFS. <i>Monthly Weather Review</i> , 2020, 148, 2971-2995. | 1.4 | 11 |
| 56 | Radiance assimilation in studying Hurricane Katrina. <i>Geophysical Research Letters</i> , 2006, 33, . | 4.0 | 10 |
| 57 | Analytic expressions of the Transmission, Reflection, and source function for the community radiative transfer model. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2019, 226, 115-126. | 2.3 | 10 |
| 58 | Monte Carlo simulations of the microwave emissivity of the sea surface. <i>Journal of Geophysical Research</i> , 1998, 103, 24983-24989. | 3.3 | 9 |
| 59 | Effect of Out-of-Band Response in NOAA-16 AVHRR Channel 3b on Top-of-Atmosphere Radiances Calculated with the Community Radiative Transfer Model. <i>Journal of Atmospheric and Oceanic Technology</i> , 2009, 26, 1968-1972. | 1.3 | 9 |
| 60 | Planck-Weighted Transmittance and Correction of Solar Reflection for Broadband Infrared Satellite Channels. <i>Journal of Atmospheric and Oceanic Technology</i> , 2012, 29, 382-396. | 1.3 | 9 |
| 61 | Applying Deep Learning to Clear-Sky Radiance Simulation for VIIRS with Community Radiative Transfer Modelâ€™Part 2: Model Architecture and Assessment. <i>Remote Sensing</i> , 2020, 12, 3825. | 4.0 | 9 |
| 62 | Effects of spectral resolution and signal-to-noise ratio of hyperspectral sensors on retrieving atmospheric parameters. <i>Optics Letters</i> , 2014, 39, 60. | 3.3 | 8 |
| 63 | Comparison of Atmospheric Methane Retrievals From AIRS and IASI. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2016, 9, 3297-3303. | 4.9 | 8 |
| 64 | Uses of NOAA-16 and -18 Satellite Measurements for Verifying the Limb-Correction Algorithm. <i>Journal of Applied Meteorology and Climatology</i> , 2007, 46, 544-548. | 1.5 | 7 |
| 65 | Using SeaWiFS Measurements to Evaluate Radiometric Stability of Pseudo-Invariant Calibration Sites at Top of Atmosphere. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2015, 12, 125-129. | 3.1 | 7 |
| 66 | The Impact of Aerosols on Satellite Radiance Data Assimilation Using NCEP Global Data Assimilation System. <i>Atmosphere</i> , 2021, 12, 432. | 2.3 | 7 |
| 67 | A Deep Learning Trained Clear-Sky Mask Algorithm for VIIRS Radiometric Bias Assessment. <i>Remote Sensing</i> , 2020, 12, 78. | 4.0 | 7 |
| 68 | 2-D Lunar Microwave Radiance Observations From the NOAA-20 ATMS. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021, 18, 2021-2024. | 3.1 | 6 |
| 69 | How Can Microwave Observations at 23.8 GHz Help in Acquiring Water Vapor in the Atmosphere over Land?. <i>Remote Sensing</i> , 2021, 13, 489. | 4.0 | 6 |
| 70 | Applying Deep Learning to Clear-Sky Radiance Simulation for VIIRS with Community Radiative Transfer Modelâ€™Part 1: Develop AI-Based Clear-Sky Mask. <i>Remote Sensing</i> , 2021, 13, 222. | 4.0 | 6 |
| 71 | Assessment of Suomi National Polar-Orbiting Partnership VIIRS Emissive Band Calibration and Inter-Sensor Comparisons. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2013, 6, 1737-1748. | 4.9 | 5 |
| 72 | First Suomi NPP Cal/Val Campaign: Intercomparison of Satellite and Aircraft Sounding Retrievals. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2016, 9, 4037-4046. | 4.9 | 5 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 73 | Estimation of Near-Real-Time Outgoing Longwave Radiation from Cross-Track Infrared Sounder (CrIS) Radiance Measurements. <i>Journal of Atmospheric and Oceanic Technology</i> , 2017, 34, 643-655. | 1.3 | 5 |
| 74 | Gap Filling of Advanced Technology Microwave Sounder Data as Applied to Hurricane Warm Core Animations. <i>Earth and Space Science</i> , 2020, 7, e2019EA000961. | 2.6 | 5 |
| 75 | Precipitation Estimation from the Microwave Integrated Retrieval System (MiRS). <i>Advances in Global Change Research</i> , 2020, , 153-168. | 1.6 | 5 |
| 76 | In-Depth Evaluation of MiRS Total Precipitable Water From NOAA's ATMS Using Multiple Reference Data Sets. <i>Earth and Space Science</i> , 2022, 9, . | 2.6 | 5 |
| 77 | Conversion issues between microwave radiance and brightness temperature. <i>Journal of Quantitative Spectroscopy and Radiative Transfer</i> , 2008, 109, 1943-1950. | 2.3 | 4 |
| 78 | Community Radiative Transfer Model for Scattering Transfer and Applications. , 2008, , . | | 4 |
| 79 | CrIS SDR calibration and validation status and NOAA-STAR related activities. <i>Proceedings of SPIE</i> , 2012, , . | 0.8 | 4 |
| 80 | Comparison Between GOES-East and -West for Land Surface Temperature Retrieval From a Dual-Window Algorithm. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2013, 10, 578-582. | 3.1 | 4 |
| 81 | Angular Effect of Undetected Clouds in Infrared Window Radiance Observations: Aircraft Experimental Analyses. <i>Journals of the Atmospheric Sciences</i> , 2016, 73, 1987-2010. | 1.7 | 4 |
| 82 | Preliminary Development and Testing of an EPS-SG Microwave Sounder Proxy Data Generator Using the NOAA Microwave Integrated Retrieval System. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2021, 14, 3151-3161. | 4.9 | 4 |
| 83 | Monitoring of VIIRS ocean clear-sky brightness temperatures against CRTM simulation in ICVS for TEB/M bands. , 2017, , . | | 4 |
| 84 | Improvement of MiRS Sea Surface Temperature Retrievals Using a Machine Learning Approach. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2022, 15, 1857-1868. | 4.9 | 4 |
| 85 | Vicarious calibration of the third and fourth Stokes parameters of Windsat measurements. <i>Applied Optics</i> , 2005, 44, 7403. | 2.1 | 3 |
| 86 | Calculating Antarctic stratospheric temperature from Special Sensor Microwave Imager and Sounder. <i>Geophysical Research Letters</i> , 2007, 34, . | 4.0 | 3 |
| 87 | Simulations of microwave brightness temperatures at AMSU-B frequencies over a 3D convective cloud system. <i>International Journal of Remote Sensing</i> , 2010, 31, 1781-1800. | 2.9 | 3 |
| 88 | Suomi NPP VIIRS on-orbit performance, data quality, and new applications. <i>Proceedings of SPIE</i> , 2012, , . | 0.8 | 3 |
| 89 | On the environmental information for solar and wind energy facilities. <i>Science China Earth Sciences</i> , 2012, 55, 796-801. | 5.2 | 3 |
| 90 | Removing Solar Radiative Effect from the VIIRS M12 Band at 3.7 μ m for Daytime Sea Surface Temperature Retrievals. <i>Journal of Atmospheric and Oceanic Technology</i> , 2014, 31, 2522-2529. | 1.3 | 3 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 91 | Electric car with solar and wind energy may change the environment and economy: A tool for utilizing the renewable energy resource. <i>Earth's Future</i> , 2014, 2, 7-13. | 6.3 | 3 |
| 92 | Community Radiative Transfer Model for Air Quality Studies. , 2016, , 67-115. | | 3 |
| 93 | NOAA Microwave Integrated Retrieval System (MIRS) Cloud Liquid Water Retrieval and Assessment. , 2018, , . | | 3 |
| 94 | COSMIC-2 soundings impacts on a RO-based NOAA microwave satellite data quality monitoring system. <i>Terrestrial, Atmospheric and Oceanic Sciences</i> , 2022, 33, 1. | 0.6 | 3 |
| 95 | Polarization anomaly of the microwave brightness temperature from ice. <i>Applied Optics</i> , 1998, 37, 2228. | 2.1 | 2 |
| 96 | <title>Retrieval algorithms for special sensor microwave/imager (SSM/I)</title>. , 1998, , . | | 2 |
| 97 | NPP VIIRS emissive band radiance calibration. , 2012, , . | | 2 |
| 98 | Using averaging kernels to study the vertical resolution of nucas temperature and water vapor. , 2017, , . | | 2 |
| 99 | A New 32-Day Average-Difference Method for Calculating Inter-Sensor Calibration Radiometric Biases between SNPP and NOAA-20 Instruments within ICVS Framework. <i>Remote Sensing</i> , 2021, 13, 3079. | 4.0 | 2 |
| 100 | Experimental OMPS Radiance Assimilation through One-Dimensional Variational Analysis for Total Column Ozone in the Atmosphere. <i>Remote Sensing</i> , 2021, 13, 3418. | 4.0 | 2 |
| 101 | Pre-Launch Performance of the Advanced Technology Microwave Sounder (ATMS) on the Joint Polar Satellite System-2 Satellite (JPSS-2). , 2020, , . | | 2 |
| 102 | ATMS Radiance Data Productsâ€™ Calibration and Evaluation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-11. | 6.3 | 2 |
| 103 | The Aerosol Module in the Community Radiative Transfer Model (v2.2 and v2.3): accounting for aerosol transmittance effects on the radiance observation operator. <i>Geoscientific Model Development</i> , 2022, 15, 1317-1329. | 3.6 | 2 |
| 104 | An improved look-up table technique for geophysical parameters from SSM/I. <i>International Journal of Remote Sensing</i> , 2000, 21, 1571-1582. | 2.9 | 1 |
| 105 | Polarized MODTRAN 3.7 applied to characterization of ocean color in the presence of aerosols. , 2002, 4481, 228. | | 1 |
| 106 | Variational retrieval of sea surface wind vectors using a polarimetric approach. <i>Advances in Space Research</i> , 2004, 33, 1143-1147. | 2.6 | 1 |
| 107 | Deriving infrared land surface emissivity from the Special Sensor Microwave Imager/Sounder. <i>International Journal of Remote Sensing</i> , 2009, 30, 2021-2031. | 2.9 | 1 |
| 108 | A three-dimensional variation (3D-var) retrieval of temperature and water vapor profiles. , 2010, , . | | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | Calibration of low gain radiance at VIIRS emissive band (M13) and VIIRS image about moon temperature. , 2012, , . | | 1 |
| 110 | Assessment and validation of the community radiative transfer model for ice cloud conditions. , 2014, , . | | 1 |
| 111 | The MIRS GPM precipitation retrieval. , 2016, , . | | 1 |
| 112 | Retrievals of trace gases from hyperspectral sounders. , 2016, , . | | 1 |
| 113 | An Evaluation of NOAA-20 ATMS Instrument Pre-Launch and On-Orbit Performance Characterization. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13. | 6.3 | 1 |
| 114 | Deriving Surface Reflectance From Visible/Near Infrared and Ultraviolet Satellite Observations Through the Community Radiative Transfer Model. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 2004-2011. | 4.9 | 1 |
| 115 | An Adaptive Calibration Window for Noise Reduction of Satellite Microwave Radiometers. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16. | 6.3 | 1 |
| 116 | Assimilation of satellite cloudy radiances: forward and adjoint radiative transfer modeling. , 2003, , . | | 0 |
| 117 | Study of calibration of windsat polarimetric sensor. , 0, , . | | 0 |
| 118 | Microwave and Infrared Radiances Assimilation for Weather Forecasting. , 2008, , . | | 0 |
| 119 | Radiative cooling effect of Hurricane Florence in 2006 and precipitation of Typhoon Matsa in 2005. Atmospheric Science Letters, 2009, 10, 122-126. | 1.9 | 0 |
| 120 | SUOMI NPP VIIRS emissive band radiance calibration and analysis. , 2012, , . | | 0 |
| 121 | Improvements to radiometric consistency between AVHRR, MODIS, and VIIRS in SST bands using MICROS online near-real time system. , 2012, , . | | 0 |
| 122 | Post calibration of channel 1 of NOAA-14 AVHRR: Implications on aerosol optical depth retrieval. , 2014, , . | | 0 |
| 123 | Comparison of atmospheric methane observations from AIRS and IASI. , 2015, , . | | 0 |
| 124 | Use of temperature and humidity profiles derived from satellite retrievals for the derivation of atmospheric stability indices. , 2016, , . | | 0 |
| 125 | Implementation and evaluation of Optimal Spectral Sampling method in CRTM. , 2016, , . | | 0 |
| 126 | The NOAA Microwave Integrated Retrieval System Multiple Satellite Rain Rate Retrieval and Monitoring. , 2019, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|----|-----------|
| 127 | Preliminary Report on Deep Learning-based Daytime Clear-Sky Radiance for VIIRS. , 2021, , . | | 0 |