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List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	The evaluation of FY4A's Geostationary Interferometric Infrared Sounder (GIIRS) longwave temperature sounding channels using the GRAPES global 4DVar. Quarterly Journal of the Royal Meteorological Society, 2020, 146, 1459-1476.	2.7	44
2	Enhancing the Fast Radiative Transfer Model for FengYun-4 GIIRS by Using Local Training Profiles. Journal of Geophysical Research D: Atmospheres, 2018, 123, 12,583.	3.3	34
3	Four-Dimensional Wind Fields From Geostationary Hyperspectral Infrared Sounder Radiance Measurements With High Temporal Resolution. Geophysical Research Letters, 2021, 48, e2021GL093794.	4.0	25
4	Geostationary satellite-based 6.7 μ m band best water vapor information layer analysis over the Tibetan Plateau. Journal of Geophysical Research D: Atmospheres, 2016, 121, 4600-4613.	3.3	21
5	A Machine Learning-based Cloud Detection Algorithm for the Himawari-8 Spectral Image. Advances in Atmospheric Sciences, 2022, 39, 1994-2007.	4.3	21
6	Alternate Mapping Correlated k-Distribution Method for Infrared Radiative Transfer Forward Simulation. Remote Sensing, 2019, 11, 994.	4.0	14
7	How Were the Eastward-Moving Heavy Rainfall Events from the Tibetan Plateau to the Lower Reaches of the Yangtze River Enhanced?. Journal of Climate, 2021, 34, 607-620.	3.2	12
8	Assessment of Upper Tropospheric Water Vapor Monthly Variation in Reanalyses With Near-Global Homogenized 6.5 μ m Radiances From Geostationary Satellites. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2020JD032695.	3.3	10
9	Geostationary Hyperspectral Infrared Sounder Channel Selection for Capturing Fast-Changing Atmospheric Information. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-10.	6.3	9
10	Evaluation of Environmental Moisture from NWP Models with Measurements from Advanced Geostationary Satellite Imager—A Case Study. Remote Sensing, 2020, 12, 670.	4.0	7
11	Can Current Hyperspectral Infrared Sounders Capture the Small Scale Atmospheric Water Vapor Spatial Variations?. Geophysical Research Letters, 2021, 48, e2021GL095825.	4.0	5
12	The Radiance Differences between Wavelength and Wavenumber Spaces in Convolution Hyperspectral Infrared Sounder Spectrum to Broadband for Intercomparison. Remote Sensing, 2019, 11, 1177.	4.0	4
13	Information Content of Ice Cloud Properties from Multi-Spectral, -Angle and -Polarization Observations. Remote Sensing, 2020, 12, 2548.	4.0	3
14	Effects of CO2 Changes on Hyperspectral Infrared Radiances and Its Implications on Atmospheric Temperature Profile Retrieval and Data Assimilation in NWP. Remote Sensing, 2020, 12, 2401.	4.0	3
15	The Influence of Sub-Footprint Cloudiness on Three-Dimensional Horizontal Wind From Geostationary Hyperspectral Infrared Sounder Observations. Geophysical Research Letters, 2022, 49, .	4.0	3