

Jieying He

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

161
citations

1307594

7
h-index

1281871

11
g-index

41
all docs

41
docs citations

41
times ranked

106
citing authors

#	ARTICLE	IF	CITATIONS
1	Design of the second generation microwave humidity sounder (MWHS-II) for Chinese meteorological satellite FY-3. , 2012, , .		39
2	Performance Analysis of Microwave Humidity and Temperature Sounder Onboard the FY-3D Satellite From Pre-launch Multiangle Calibration Data in Thermal/Vacuum Test. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 1664-1683.	6.3	22
3	Bias Correction for Retrieval of Atmospheric Parameters from the Microwave Humidity and Temperature Sounder Onboard the Fengyun-3C Satellite. Atmosphere, 2016, 7, 156.	2.3	12
4	Precipitation Retrieval Using 118.75-GHz and 183.31-GHz Channels From MWHTS on FY-3C Satellite. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 4373-4389.	4.9	11
5	The retrievals and analysis of clear-sky water vapor density in the Arctic regions from MWHS measurements on FY-3A satellite. Radio Science, 2012, 47, .	1.6	9
6	Retrieval of Barometric Pressure from Satellite Passive Microwave Observations over the Oceans. Journal of Geophysical Research: Oceans, 2018, 123, 4360-4372.	2.6	8
7	Calibration and Validation of Feng Yun-3-D Microwave Humidity Sounder II. IEEE Geoscience and Remote Sensing Letters, 2020, 17, 1846-1850.	3.1	8
8	The Potential Impact of Assimilating Synthetic Microwave Radiances Onboard a Future Geostationary Satellite on the Prediction of Typhoon Lekima Using the WRF Model. Remote Sensing, 2021, 13, 886.	4.0	8
9	Statistical Analysis for Performance of Detection and Imaging of Dynamic Targets Using the Geostationary Interferometric Microwave Sounder. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2018, 11, 3-11.	4.9	7
10	Regional Profiles and Precipitation Retrievals and Analysis Using FY-3C MWHTS. Atmospheric and Climate Sciences, 2016, 06, 273-284.	0.3	7
11	Atmospheric Retrievals and Assessment for Microwave Observations from Chinese FY-3C Satellite during Hurricane Matthew. Remote Sensing, 2019, 11, 896.	4.0	6
12	T/V Calibration for Microwave Humidity and Temperature Sounder onboard Chinese FY-3D satellite. , 2016, , .		4
13	Analysis and simulation of GIMS observation on dynamic targets. , 2016, , .		3
14	Method to Reduce Imaging Errors in Dynamic Target Observation of the Geostationary Interferometric Microwave Sounder. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 267-271.	3.1	3
15	Precipitation Retrieval from Fengyun-3D Microwave Humidity and Temperature Sounder Data Using Machine Learning. Remote Sensing, 2022, 14, 848.	4.0	3
16	Temperature and humidity profiles retrieving over land using clear sky measurements of microwave humidity-temperature sounder on Chinese FY-3C satellite. , 2016, , .		2
17	Research on cirrus clouds in Tibetan Plateau using MWHS onboard Chinese FY3B/C meteorological satellite. , 2016, , .		2
18	Global Precipitation Sensitivity Analysis Using the MWHTS and MWTS on FY-3D Satellite. , 2019, , .		2

#	ARTICLE	IF	CITATIONS
19	Observations and Forecasting Analysis of Hurricane Sandy Using Satellite Microwave Remote Sensing. , 2019, , .		2
20	Research on tipping calibration and exponent calibration based on LN2 for ground-based multi-channel microwave radiometer. , 2012, , .		1
21	Retrieval and analysis of Integrated Precipitable Water vapor in typhoon area from MWHTS onboard FY-3C satellite. , 2016, , .		1
22	Design and Development of Ground-Based Microwave Radiometer for Meteorological and Climate Applications. , 2020, , .		1
23	The humidity retrievals using BP neural network algorithm based on mexihat or morlet wavelet function in clear-sky. , 2010, , .		0
24	Onboard Wide-Aperture Radiator for Calibration of the Chinese Satellite Radiometer MWHS-03. , 2019, , .		0
25	Data Assimilation using MWHTS Onboard FY-3C Satellite for Typhoon Case. , 2019, , .		0
26	Analysis and Assimilation of Microsized Satellite-based Data in Tropical Cyclone Monitoring. , 2019, , .		0
27	Rainfall Analysis of Northwest Pacific Influenced for Tropical Typhoon Chan-hom. , 2019, , .		0
28	Atmospheric Retrievals in Hurricane Based on MWHTS Aboard FY-3C Satellite. , 2019, , .		0
29	Performance and Application of the MWHTS on Chinese FY-3C Meteorological Satellite. , 2019, , .		0
30	Data Assimilation and Application Based on MWHTS for Typical Tropical Cyclone. , 2019, , .		0
31	Precipitation Retrieval Using the MWHTS and MWTS on China Meteorological Satellite. , 2021, , .		0
32	A deep learning system for precipitation estimation using measurements from the Advanced Baseline Imager (ABI) on the GOES-R series. , 2021, , .		0
33	Research On Regional Extreme Rainfall Forecasting For Water Resource Management And Warning Operations. , 2020, , .		0
34	A Two-stage Learning Technique for Precipitation Retrieval Using ABI and GLM Measurements on the GOES-R Series. , 2021, , .		0
35	Calibration and Data Quality Assurance Technical Advancements for Quantitative Remote Sensing in the DRAGON 4 Project. Remote Sensing, 2021, 13, 4996.	4.0	0
36	Precipitation Inversion from MWHTS Data Using Tensorflow Framework. , 2022, , .		0

#	ARTICLE	IF	CITATIONS
37	Investigation on Calibration and Validation for FY-3 Series Microwave Humidity Sounders. , 2022, , .		0
38	An Assessment of MWHTS Onboard FY-3C/D Over Quasi-Stable Scenes. , 2022, , .		0
39	Atmospheric Humidity Analysis over Tibetan Plateau Based on FY-3C/D MWHTS Observations. , 2022, , .		0