Fangfang Yu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1601663/publications.pdf

Version: 2024-02-01

47 papers	746 citations	840776 11 h-index	677142 22 g-index
47 all docs	47 docs citations	47 times ranked	840 citing authors

#	Article	IF	Citations
1	On-orbit calibration and characterization of GOES-17 ABI IR bands under dynamic thermal condition. Journal of Applied Remote Sensing, 2020, 14, .	1.3	6
2	Homogenized Water Vapor Absorption Band Radiances From International Geostationary Satellites. Geophysical Research Letters, 2019, 46, 10599-10608.	4.0	7
3	Radiometric calibration performance of GOES-17 Advanced Baseline Imager (ABI). , 2019, , .		6
4	Validation of GOES-16 ABI reflective solar band calibration through reanalysis and comparison with field campaign data. , 2018, , .		2
5	Validation of GOES-16 ABI infrared spatial response uniformity. , 2018, , .		1
6	In-orbit response versus scan-angle (RVS) validation for the GOES-16 ABI solar reflective bands. , 2018, , .		1
7	Detection and characterization of striping in GOES-16 ABI VNIR/IR bands. , 2018, , .		3
8	Radiometric quality assessment of GOES-16 ABI L1b images. , 2018, , .		2
9	Evaluation of GOES-16 ABI on-orbit performance using GSICS. , 2017, , .		1
10	Stray light performance comparison between Himawari-8 AHI and GOES-16 ABI. , 2017, , .		3
11	Validation of early GOES-16 ABI on-orbit geometrical calibration accuracy using SNO method. , 2017, , .		3
12	Early radiometric calibration performances of GOES-16 advanced baseline imager. , 2017, , .		6
13	Assessing the GOES-16 ABI solar channels calibration using deep convective clouds. , 2017, , .		0
14	Site selection and characterization at Uyuni desert for the calibration and validation of GOES-16 ABI solar reflective bands. , 2017, , .		1
15	Radiometric Inter-Calibration between Himawari-8 AHI and S-NPP VIIRS for the Solar Reflective Bands. Remote Sensing, 2016, 8, 165.	4.0	47
16	Preliminary Inter-Comparison between AHI, VIIRS and MODIS Clear-Sky Ocean Radiances for Accurate SST Retrievals. Remote Sensing, 2016, 8, 203.	4.0	21
17	Evaluation of Himawari-8 AHI geospatial calibration accuracy using SNPP VIIRS SNO data. , 2016, , .		5
18	Comparison of Suomi-NPP VIIRS and HIMARWARI-8 AHI MWIR observations for hot spot and heat island studies. , 2016, , .		0

#	Article	IF	Citations
19	Characterization of Himawari-8 AHI 3.9-um channel stray light. , 2016, , .		2
20	Selenographic coordinate mapping of lunar observations by GOES imager. Proceedings of SPIE, 2015, , .	0.8	1
21	An integrated method to improve the GOES Imager visible radiometric calibration accuracy. Remote Sensing of Environment, 2015, 164, 103-113.	11.0	4
22	Intercalibration of GOES Imager visible channels over the Sonoran Desert. Journal of Geophysical Research D: Atmospheres, 2014, 119, 8639-8658.	3.3	12
23	Geostationary Operational Environmental Satellite Imager infrared channel-to-channel co-registration characterization algorithm and its implementation in the ground system. Journal of Applied Remote Sensing, 2014, 8, 083530.	1.3	1
24	Radiometric Calibration Accuracy of GOES Sounder Infrared Channels. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 1187-1199.	6.3	11
25	Diurnal and Scan Angle Variations in the Calibration of GOES Imager Infrared Channels. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 671-683.	6.3	23
26	GSICS Inter-Calibration of Infrared Channels of Geostationary Imagers Using Metop/IASI. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 1160-1170.	6.3	107
27	Correction for GOES Imager Spectral Response Function Using GSICS. Part I: Theory. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 1215-1223.	6.3	23
28	Correction for GOES Imager Spectral Response Function Using GSICS. Part II: Applications. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 1200-1214.	6.3	16
29	Assessment of MetOp-A Advanced Very High Resolution Radiometer (AVHRR) short-wave infrared channel measurements using Infrared Atmospheric Sounding Interferometer (IASI) observations and line-by-line radiative transfer model simulations. International Journal of Remote Sensing, 2012, 33, 5240-5250.	2.9	1
30	Recent advances in calibration of the GOES Imager visible channel at NOAA. , 2012, , .		2
31	On-orbit characterization of the GOES Imager channel-to-channel co-registration. , 2012, , .		2
32	Consistency assessment of Atmospheric Infrared Sounder and Infrared Atmospheric Sounding Interferometer radiances: Double differences versus simultaneous nadir overpasses. Journal of Geophysical Research, 2011, 116, .	3.3	60
33	Verification of the GSICS GEO-LEO inter-calibration products with GEO-GEO collocation data. Proceedings of SPIE, 2011, , .	0.8	0
34	Recent operational status of GSICS GEO-LEO and GEO-GEO Inter-Calibrations at NOAA/NESDIS. , 2011, , .		1
35	Vicarious calibration of GOES visible channel using GOME-2. , 2011, , .		5
36	In-orbit health and performance of operational AVHRR instruments. Proceedings of SPIE, 2010, , .	0.8	2

#	Article	IF	Citations
37	Extended inter-comparison of collocated MetOp-A AVHRR-IASI brightness temperature data and its implication for AVHRR calibration. , 2010, , .		0
38	Water vapor correction to improve the operational calibration for NOAA AVHRR/3 channel 2 (0.85ÂÂµm) over a desert target. Canadian Journal of Remote Sensing, 2010, 36, 514-526.	2.4	9
39	Removal of Contaminated Pixels from the Desert Target for AVHRR Vicarious Calibration. Journal of Atmospheric and Oceanic Technology, 2009, 26, 1354-1366.	1.3	17
40	Assessment of Midnight Blackbody Calibration Correction (MBCC) using the Global Space-based Inter-Calibration System (GSICS). Proceedings of SPIE, 2009, , .	0.8	4
41	GSICS GEO-LEO inter-calibration: operation status at NOAA/NESDIS. , 2009, , .		3
42	Removal of contaminated pixels from the desert target for AVHRR vicarious calibration. Proceedings of SPIE, 2008, , .	0.8	0
43	Calibration of NOAA-17 AVHRR solar reflectance channels using the time series observation of the desert target. Proceedings of SPIE, 2007, , .	0.8	0
44	Vicarious calibration of GOES Imager visible channel using the Moon. , 2006, , .		12
45	Satellite Observations of the Seasonal Vegetation Growth in Central Asia: 1982-1990. Photogrammetric Engineering and Remote Sensing, 2004, 70, 461-469.	0.6	26
46	Characterizing Ecosystem Variability Using the Onset of Green-Up Derived from Time-Series AVHRR NDVI Data. GIScience and Remote Sensing, 2004, 41, 45-61.	5.9	3
47	Response of seasonal vegetation development to climatic variations in eastern central Asia. Remote Sensing of Environment, 2003, 87, 42-54.	11.0	284