

# Hui Xu

## List of Publications by Year in descending order

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Version: 2024-02-01

24  
papers

810  
citations

759233

12  
h-index

713466

21  
g-index

24  
all docs

24  
docs citations

24  
times ranked

1064  
citing authors

#	ARTICLE	IF	CITATIONS
1	Hyperspectral Infrared Sounder Cloud Detection Using Deep Neural Network Model. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	2
2	Post-Millennium Atmospheric Temperature Trends Observed From Satellites in Stable Orbits. Geophysical Research Letters, 2021, 48, e2021GL093291.	4.0	6
3	The Reprocessed Suomi NPP Satellite Observations. Remote Sensing, 2020, 12, 2891.	4.0	23
4	Cross-Track Infrared Sounder Spectral Gap Filling Toward Improving Intercalibration Uncertainties. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 509-519.	6.3	9
5	Assessment of Himawari-8 AHI Aerosol Optical Depth Over Land. Remote Sensing, 2019, 11, 1108.	4.0	17
6	Aerosol Optical Depth Retrieval over East Asia Using Himawari-8/AHI Data. Remote Sensing, 2018, 10, 137.	4.0	39
7	Classifying Aerosols Based on Fuzzy Clustering and Their Optical and Microphysical Properties Study in Beijing, China. Advances in Meteorology, 2017, 2017, 1-18.	1.6	8
8	Variability in Dust Observed over China Using A-Train CALIOP Instrument. Advances in Meteorology, 2016, 2016, 1-11.	1.6	6
9	Assessment of OMI near-UV aerosol optical depth over Central and East Asia. Journal of Geophysical Research D: Atmospheres, 2016, 121, 382-398.	3.3	25
10	Spatiotemporal variability in dust observed over the Sinkiang and Inner Mongolia regions of Northern China. Atmospheric Pollution Research, 2015, 6, 562-571.	3.8	12
11	New Asia Dust Storm Detection Method Based on the Thermal Infrared Spectral Signature. Remote Sensing, 2015, 7, 51-71.	4.0	6
12	Single scattering properties of semi-embedded soot morphologies with intersecting and non-intersecting surfaces of absorbing spheres and non-absorbing host. Journal of Quantitative Spectroscopy and Radiative Transfer, 2015, 157, 1-13.	2.3	28
13	Dust Identification over Arid and Semiarid Regions of Asia Using AIRS Thermal Infrared Channels. Advances in Meteorology, 2014, 2014, 1-16.	1.6	4
14	New Retrieval Algorithm for Deriving Land Surface Temperature From Geostationary Orbiting Satellite Observations. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 819-828.	6.3	13
15	Evaluation of GOES-R Land Surface Temperature Algorithm Using SEVIRI Satellite Retrievals With <i>In Situ</i> Measurements. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 3812-3822.	6.3	23
16	The single scattering properties of soot aggregates with concentric core-shell spherical monomers. Journal of Quantitative Spectroscopy and Radiative Transfer, 2014, 135, 9-19.	2.3	42
17	The research of remote sensing duststorm with FY-3B three infrared channels. Proceedings of SPIE, 2012, , .	0.8	0
18	A twin-channel difference model for cross-calibration of thermal infrared band. Science China Technological Sciences, 2012, 55, 2048-2056.	4.0	3

#	ARTICLE	IF	CITATIONS
19	Validation of GOES-R Satellite Land Surface Temperature Algorithm Using SURFRAD Ground Measurements and Statistical Estimates of Error Properties. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 704-713.	6.3	67
20	Analysis of vegetation index NDVI anisotropy to improve the accuracy of the GOES-R green vegetation fraction product. , 2010, , .		6
21	Developing Algorithm for Operational GOES-R Land Surface Temperature Product. IEEE Transactions on Geoscience and Remote Sensing, 2009, 47, 936-951.	6.3	89
22	Algorithm development for land surface temperature measurement from GOES-R satellite. Proceedings of SPIE, 2007, , .	0.8	0
23	Intersatellite Radiance Biases for the High-Resolution Infrared Radiation Sounders (HIRS) on board NOAA-15, -16, and -17 from Simultaneous Nadir Observations. Journal of Atmospheric and Oceanic Technology, 2005, 22, 381-395.	1.3	76
24	Intercalibration of vegetation indices from different sensor systems. Remote Sensing of Environment, 2003, 88, 412-422.	11.0	306