Huazhe Shang

List of Publications by Year
in descending order

16 papers	695 citations
623734 14 h-index	940533 16 g-index
16 all docs	16 docs citations
16 times ranked	606 citing authors

#	Article	IF	Citations
1	High-resolution retrieval of cloud microphysical properties and surface solar radiation using Himawari-8/AHI next-generation geostationary satellite. Remote Sensing of Environment, 2020, 239, 111583.	11.0	106
2	Ice Cloud Properties From Himawari-8/AHI Next-Generation Geostationary Satellite: Capability of the AHI to Monitor the DC Cloud Generation Process. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 3229-3239.	6.3	104
3	Development of a daytime cloud and haze detection algorithm for Himawariâ€8 satellite measurements over central and eastern China. Journal of Geophysical Research D: Atmospheres, 2017, 122, 3528-3543.	3.3	92
4	Diurnal cycle and seasonal variation of cloud cover over the Tibetan Plateau as determined from Himawari-8 new-generation geostationary satellite data. Scientific Reports, 2018, 8, 1105.	3.3	65
5	A New Benchmark for Surface Radiation Products over the East Asiaâ€"Pacific Region Retrieved from the Himawari-8/AHI Next-Generation Geostationary Satellite. Bulletin of the American Meteorological Society, 2022, 103, E873-E888.	3.3	60
6	Cloud cover over the Tibetan Plateau and eastern China: a comparison of ERA5 and ERA-Interim with satellite observations. Climate Dynamics, 2020, 54, 2941-2957.	3.8	47
7	An Introduction to the Chinese High-Resolution Earth Observation System: Gaofen-1~7 Civilian Satellites. Journal of Remote Sensing, 2022, 2022, .	6.7	31
8	Estimation of shortwave solar radiation using the artificial neural network from Himawari-8 satellite imagery over China. Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 240, 106672.	2.3	30
9	A review of the estimation of downward surface shortwave radiation based on satellite data: Methods, progress and problems. Science China Earth Sciences, 2020, 63, 774-789.	5.2	30
10	Synergetic Use of MODIS Cloud Parameters for Distinguishing High Aerosol Loadings From Clouds Over the North China Plain. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 4879-4886.	4.9	27
11	First assessment of surface solar irradiance derived from Himawari-8 across China. Solar Energy, 2018, 174, 164-170.	6.1	24
12	An improved algorithm of cloud droplet size distribution from POLDER polarized measurements. Remote Sensing of Environment, 2019, 228, 61-74.	11.0	19
13	Diurnal haze variations over the North China plain using measurements from Himawari-8/AHI. Atmospheric Environment, 2019, 210, 100-109.	4.1	19
14	Spatiotemporal distributions of cloud parameters and their response to meteorological factors over the Tibetan Plateau during 2003â€"2015 based on MODIS data. International Journal of Climatology, 2019, 39, 532-543.	3.5	15
15	A Supercooled Water Cloud Detection Algorithm Using Himawariâ€8 Satellite Measurements. Journal of Geophysical Research D: Atmospheres, 2019, 124, 2724-2738.	3.3	14
16	Cloud thermodynamic phase detection using a directional polarimetric camera (DPC). Journal of Quantitative Spectroscopy and Radiative Transfer, 2020, 253, 107179.	2.3	12