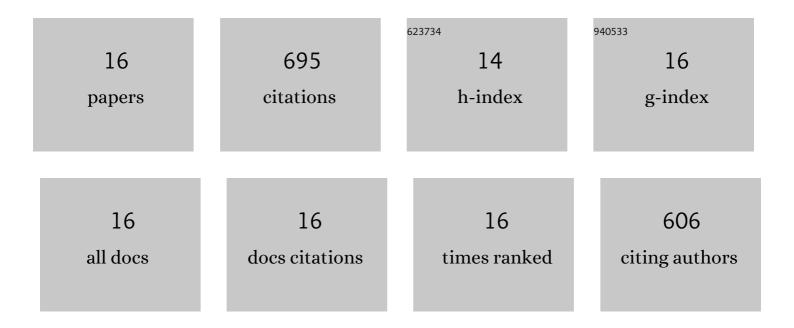
## Huazhe Shang

List of Publications by Year in descending order

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