

# Liangke Huang

## List of Publications by Year in descending order

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18  
papers

364  
citations

840776

11  
h-index

839539

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all docs

18  
docs citations

18  
times ranked

102  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | High-precision GNSS PWV retrieval using dense GNSS sites and in-situ meteorological observations for the evaluation of MERRA-2 and ERA5 reanalysis products over China. <i>Atmospheric Research</i> , 2022, 276, 106247. | 4.1 | 30        |
| 2  | Analysis of the Spatial and Temporal Evolution of Land Subsidence in Wuhan, China from 2017 to 2021. <i>Remote Sensing</i> , 2022, 14, 3142.   | 4.0 | 17        |
| 3  | Hydrological variability and loading deformation in the Yangtze river basin based on modern geodetic means. <i>All Earth</i> , 2022, 34, 66-80.  | 2.1 | 3         |
| 4  | A global grid model for the correction of the vertical zenith total delay based on a sliding window algorithm. <i>GPS Solutions</i> , 2021, 25, 1.   | 4.3 | 33        |
| 5  | Evaluation of Hourly PWV Products Derived From ERA5 and MERRA-2 Over the Tibetan Plateau Using Ground-Based GNSS Observations by Two Enhanced Models. <i>Earth and Space Science</i> , 2021, 8, e2020EA001516.           | 2.6 | 27        |
| 6  | Ingestion of GNSS-Derived ZTD and PWV for Spatial Interpolation of PM2.5 Concentration in Central and Southern China. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 7931.         | 2.6 | 10        |
| 7  | A Comprehensive Evaluation of Key Tropospheric Parameters from ERA5 and MERRA-2 Reanalysis Products Using Radiosonde Data and GNSS Measurements. <i>Remote Sensing</i> , 2021, 13, 3008.                                 | 4.0 | 19        |
| 8  | GNSS Precipitable Water Vapor Retrieval With the Aid of NWM Data for China. <i>Earth and Space Science</i> , 2021, 8, e2020EA001550.   | 2.6 | 6         |
| 9  | Spatiotemporal characteristics of GNSS-derived precipitable water vapor during heavy rainfall events in Guilin, China. <i>Satellite Navigation</i> , 2021, 2, .  | 8.6 | 34        |
| 10 | A New Approach for the Development of Grid Models Calculating Tropospheric Key Parameters over China. <i>Remote Sensing</i> , 2021, 13, 3546.  | 4.0 | 7         |
| 11 | An Investigation of Extreme Weather Impact on Precipitable Water Vapor and Vegetation Growth—A Case Study in Zhejiang China. <i>Remote Sensing</i> , 2021, 13, 3576.   | 4.0 | 3         |
| 12 | Investigation of Antarctic Precipitable Water Vapor Variability and Trend from 18 Year (2001 to 2018) Data of Four Reanalyses Based on Radiosonde and GNSS Observations. <i>Remote Sensing</i> , 2021, 13, 3901.         | 4.0 | 7         |
| 13 | Evaluation of the ZWD/ZTD Values Derived from MERRA-2 Global Reanalysis Products Using GNSS Observations and Radiosonde Data. <i>Sensors</i> , 2020, 20, 6440.   | 3.8 | 11        |
| 14 | Assessment and Validation of Three Ionospheric Models (IRI-2016, NeQuick2, and IGS-GIM) From 2002 to 2018. <i>Space Weather</i> , 2020, 18, e2019SW002422.   | 3.7 | 26        |
| 15 | A new global grid model for the determination of atmospheric weighted mean temperature in GPS precipitable water vapor. <i>Journal of Geodesy</i> , 2019, 93, 159-176.   | 3.6 | 67        |
| 16 | An improved atmospheric weighted mean temperature model and its impact on GNSS precipitable water vapor estimates for China. <i>GPS Solutions</i> , 2019, 23, 1.   | 4.3 | 46        |
| 17 | Applicability Analysis of VTEC Derived from the Sophisticated Klobuchar Model in China. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 75.   | 2.9 | 12        |
| 18 | SSIEGNOS: A New Asian Single Site Tropospheric Correction Model. <i>ISPRS International Journal of Geo-Information</i> , 2017, 6, 20.  | 2.9 | 6         |