

# Fan Huang

## List of Publications by Year in descending order

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Version: 2024-02-01

22  
papers

630  
citations

471509

17  
h-index

677142

22  
g-index

22  
all docs

22  
docs citations

22  
times ranked

469  
citing authors

#	ARTICLE	IF	CITATIONS
1	Urban Heat Islands Significantly Reduced by COVID-19 Lockdown. <i>Geophysical Research Letters</i> , 2022, 49, .	4.0	24
2	Long-Term and Fine-Scale Surface Urban Heat Island Dynamics Revealed by Landsat Data Since the 1980s: A Comparison of Four Megacities in China. <i>Journal of Geophysical Research D: Atmospheres</i> , 2022, 127, .	3.3	4
3	Taxonomy of seasonal and diurnal clear-sky climatology of surface urban heat island dynamics across global cities. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2022, 187, 14-33.	11.1	23
4	A global dataset of spatiotemporally seamless daily mean land surface temperatures: generation, validation, and analysis. <i>Earth System Science Data</i> , 2022, 14, 3091-3113.	9.9	10
5	Meteorological controls on daily variations of nighttime surface urban heat islands. <i>Remote Sensing of Environment</i> , 2021, 253, 112198.	11.0	34
6	Reconciling Debates on the Controls on Surface Urban Heat Island Intensity: Effects of Scale and Sampling. <i>Geophysical Research Letters</i> , 2021, 48, e2021GL094485.	4.0	10
7	A simple yet robust framework to estimate accurate daily mean land surface temperature from thermal observations of tandem polar orbiters. <i>Remote Sensing of Environment</i> , 2021, 264, 112612.	11.0	24
8	Simultaneous investigation of surface and canopy urban heat islands over global cities. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2021, 181, 67-83.	11.1	47
9	Global comparison of diverse scaling factors and regression models for downscaling Landsat-8 thermal data. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2020, 169, 44-56.	11.1	20
10	Satellite identification of atmospheric-surface-subsurface urban heat islands under clear sky. <i>Remote Sensing of Environment</i> , 2020, 250, 112039.	11.0	21
11	Balancing prediction accuracy and generalization ability: A hybrid framework for modelling the annual dynamics of satellite-derived land surface temperatures. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2019, 151, 189-206.	11.1	45
12	Does quality control matter? Surface urban heat island intensity variations estimated by satellite-derived land surface temperature products. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2018, 139, 212-227.	11.1	43
13	Enhanced Modeling of Annual Temperature Cycles with Temporally Discrete Remotely Sensed Thermal Observations. <i>Remote Sensing</i> , 2018, 10, 650.	4.0	27
14	Identification of typical diurnal patterns for clear-sky climatology of surface urban heat islands. <i>Remote Sensing of Environment</i> , 2018, 217, 203-220.	11.0	80
15	Comprehensive assessment of four-parameter diurnal land surface temperature cycle models under clear-sky. <i>ISPRS Journal of Photogrammetry and Remote Sensing</i> , 2018, 142, 190-204.	11.1	32
16	Disaggregation of remotely sensed land surface temperature: A simple yet flexible index (SIFI) to assess method performances. <i>Remote Sensing of Environment</i> , 2017, 200, 206-219.	11.0	9
17	Positive or Negative? Urbanization-Induced Variations in Diurnal Skin-Surface Temperature Range Detected Using Satellite Data. <i>Journal of Geophysical Research D: Atmospheres</i> , 2017, 122, 13,229.	3.3	11
18	Localization or Globalization? Determination of the Optimal Regression Window for Disaggregation of Land Surface Temperature. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2017, 55, 477-490.	6.3	18

#	ARTICLE	IF	CITATIONS
19	Disaggregation of remotely sensed land surface temperature: A new dynamic methodology. Journal of Geophysical Research D: Atmospheres, 2016, 121, 10,538.	3.3	32
20	Temporal upscaling of surface urban heat island by incorporating an annual temperature cycle model: A tale of two cities. Remote Sensing of Environment, 2016, 186, 1-12.	11.0	66
21	Improved reconstruction of soil thermal field using two-depth measurements of soil temperature. Journal of Hydrology, 2014, 519, 711-719.	5.4	24
22	A generic framework for modeling diurnal land surface temperatures with remotely sensed thermal observations under clear sky. Remote Sensing of Environment, 2014, 150, 140-151.	11.0	26