

# Xinlei He

## List of Publications by Year in descending order

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Version: 2024-02-01

12  
papers

407  
citations

1040056

9  
h-index

1281871

11  
g-index

12  
all docs

12  
docs citations

12  
times ranked

420  
citing authors

#	ARTICLE	IF	CITATIONS
1	Evaluating Different Machine Learning Methods for Upscaling Evapotranspiration from Flux Towers to the Regional Scale. <i>Journal of Geophysical Research D: Atmospheres</i> , 2018, 123, 8674-8690.	3.3	141
2	Mapping regional turbulent heat fluxes via variational assimilation of land surface temperature data from polar orbiting satellites. <i>Remote Sensing of Environment</i> , 2019, 221, 444-461.	11.0	59
3	Physiological and environmental control on ecosystem water use efficiency in response to drought across the northern hemisphere. <i>Science of the Total Environment</i> , 2021, 758, 143599.	8.0	48
4	Responses of Water Use Efficiency to Drought in Southwest China. <i>Remote Sensing</i> , 2020, 12, 199.	4.0	45
5	Mapping regional evapotranspiration in cloudy skies via variational assimilation of all-weather land surface temperature observations. <i>Journal of Hydrology</i> , 2020, 585, 124790.	5.4	24
6	A Bayesian Three-Cornered Hat (BTCH) Method: Improving the Terrestrial Evapotranspiration Estimation. <i>Remote Sensing</i> , 2020, 12, 878.	4.0	24
7	Evaluation of the Weak Constraint Data Assimilation Approach for Estimating Turbulent Heat Fluxes at Six Sites. <i>Remote Sensing</i> , 2018, 10, 1994.	4.0	16
8	Improve the Performance of the Noah-MP Crop Model by Jointly Assimilating Soil Moisture and Vegetation Phenology Data. <i>Journal of Advances in Modeling Earth Systems</i> , 2021, 13, e2020MS002394.	3.8	15
9	Improving predictions of evapotranspiration by integrating multi-source observations and land surface model. <i>Agricultural Water Management</i> , 2022, 272, 107827.	5.6	12
10	Mapping Regional Turbulent Heat Fluxes via Assimilation of MODIS Land Surface Temperature Data into an Ensemble Kalman Smoother Framework. <i>Earth and Space Science</i> , 2019, 6, 2423-2442.	2.6	10
11	Modeling Transpiration with Sun-Induced Chlorophyll Fluorescence Observations via Carbon-Water Coupling Methods. <i>Remote Sensing</i> , 2021, 13, 804.	4.0	8
12	Estimation of Turbulent Heat Fluxes and Gross Primary Productivity by Assimilating Land Surface Temperature and Leaf Area Index. <i>Water Resources Research</i> , 0, , .	4.2	5