Xingyao Xie

List of Publications by Year
in descending order

21 papers	370 citations	759233 12 h-index	794594 19 g-index
21 all docs	21 docs citations	21 times ranked	336 citing authors

#	Article	IF	Citations
1	Comparison of big-leaf and two-leaf light use efficiency models for GPP simulation after considering a radiation scalar. Agricultural and Forest Meteorology, 2022, 313, 108761.	4.8	19
2	Long-term topographic effect on remotely sensed vegetation index-based gross primary productivity (GPP) estimation at the watershed scale. International Journal of Applied Earth Observation and Geoinformation, 2022, 108, 102755.	2.8	4
3	Comprehensive Assessment of Performances of Long Time-Series LAI, FVC and GPP Products over Mountainous Areas: A Case Study in the Three-River Source Region, China. Remote Sensing, 2022, 14, 61.	4.0	5
4	Riparian Zone DEM Generation From Time-Series Sentinel-1 and Corresponding Water Level: A Novel Waterline Method. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-10.	6.3	0
5	Quantifying Scaling Effect on Gross Primary Productivity Estimation in the Upscaling Process of Surface Heterogeneity. Journal of Geophysical Research G: Biogeosciences, 2022, 127, .	3.0	8
6	MLAs land cover mapping performance across varying geomorphology with Landsat OLI-8 and minimum human intervention. Ecological Informatics, 2021, 61, 101227.	5.2	10
7	Spatial Scaling of Gross Primary Productivity Over Sixteen Mountainous Watersheds Using Vegetation Heterogeneity and Surface Topography. Journal of Geophysical Research G: Biogeosciences, 2021, 126, e2020JG005848.	3.0	15
8	Coupling random forest and inverse distance weighting to generate climate surfaces of precipitation and temperature with Multiple-Covariates. Journal of Hydrology, 2021, 598, 126270.	5.4	36
9	A modified two-leaf light use efficiency model for improving the simulation of GPP using a radiation scalar. Agricultural and Forest Meteorology, 2021, 307, 108546.	4.8	33
10	Comparing Three Remotely Sensed Approaches for Simulating Gross Primary Productivity over Mountainous Watersheds: A Case Study in the Wanglang National Nature Reserve, China. Remote Sensing, 2021, 13, 3567.	4.0	8
11	A practical topographic correction method for improving Moderate Resolution Imaging Spectroradiometer gross primary productivity estimation over mountainous areas. International Journal of Applied Earth Observation and Geoinformation, 2021, 103, 102522.	2.8	10
12	Assessments of gross primary productivity estimations with satellite data-driven models using eddy covariance observation sites over the northern hemisphere. Agricultural and Forest Meteorology, 2020, 280, 107771.	4.8	24
13	Development of a topographic-corrected temperature and greenness model (TG) for improving GPP estimation over mountainous areas. Agricultural and Forest Meteorology, 2020, 295, 108193.	4.8	22
14	An Adjusted Two‑Leaf Light Use Efficiency Model for Improving GPP Simulations Over Mountainous Areas. Journal of Geophysical Research D: Atmospheres, 2020, 125, e2019JD031702.	3.3	26
15	Uncertainty analysis of multiple global GPP datasets in characterizing the lagged effect of drought on photosynthesis. Ecological Indicators, 2020, 113, 106224.	6.3	32
16	Assessment of five satellite-derived LAI datasets for GPP estimations through ecosystem models. Science of the Total Environment, 2019, 690, 1120-1130.	8.0	57
17	A SD-MaxEnt-CA model for simulating the landscape dynamic of natural ecosystem by considering socio-economic and natural impacts. Ecological Modelling, 2019, 410, 108783.	2.5	26
18	Spatially and Temporally Continuous Leaf Area Index Mapping for Crops through Assimilation of Multi-resolution Satellite Data. Remote Sensing, 2019, 11, 2517.	4.0	8

#	Article	IF	Citations
19	Integrating Eddy Covariance Information with Beps Model Using a Variational Assimilation Scheme for Improving Temporally Continuous Gpp Estimation. , 2018, , .		0
20	Spatial Downscaling of Gross Primary Productivity Using Topographic and Vegetation Heterogeneity Information: A Case Study in the Gongga Mountain Region of China. Remote Sensing, 2018, 10, 647.	4.0	12
21	Derivation of temporally continuous leaf maximum carboxylation rate (V) from the sunlit leaf gross photosynthesis productivity through combining BEPS model with light response curve at tower flux sites. Agricultural and Forest Meteorology, 2018, 259, 82-94.	4.8	15