

Xingyao Xie

List of Publications by Year in descending order

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Version: 2024-02-01

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	Assessment of five satellite-derived LAI datasets for GPP estimations through ecosystem models. <i>Science of the Total Environment</i> , 2019, 690, 1120-1130.	8.0	57
2	Coupling random forest and inverse distance weighting to generate climate surfaces of precipitation and temperature with Multiple-Covariates. <i>Journal of Hydrology</i> , 2021, 598, 126270.	5.4	36
3	A modified two-leaf light use efficiency model for improving the simulation of GPP using a radiation scalar. <i>Agricultural and Forest Meteorology</i> , 2021, 307, 108546.	4.8	33
4	Uncertainty analysis of multiple global GPP datasets in characterizing the lagged effect of drought on photosynthesis. <i>Ecological Indicators</i> , 2020, 113, 106224.	6.3	32
5	A SD-MaxEnt-CA model for simulating the landscape dynamic of natural ecosystem by considering socio-economic and natural impacts. <i>Ecological Modelling</i> , 2019, 410, 108783.	2.5	26
6	An Adjusted Two-Leaf Light Use Efficiency Model for Improving GPP Simulations Over Mountainous Areas. <i>Journal of Geophysical Research D: Atmospheres</i> , 2020, 125, e2019JD031702.	3.3	26
7	Assessments of gross primary productivity estimations with satellite data-driven models using eddy covariance observation sites over the northern hemisphere. <i>Agricultural and Forest Meteorology</i> , 2020, 280, 107771.	4.8	24
8	Development of a topographic-corrected temperature and greenness model (TG) for improving GPP estimation over mountainous areas. <i>Agricultural and Forest Meteorology</i> , 2020, 295, 108193.	4.8	22
9	Comparison of big-leaf and two-leaf light use efficiency models for GPP simulation after considering a radiation scalar. <i>Agricultural and Forest Meteorology</i> , 2022, 313, 108761.	4.8	19
10	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. <i>Agricultural and Forest Meteorology</i> , 2018, 259, 82-94.	4.8	15
11	Spatial Scaling of Gross Primary Productivity Over Sixteen Mountainous Watersheds Using Vegetation Heterogeneity and Surface Topography. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2021, 126, e2020JG005848.	3.0	15
12	Spatial Downscaling of Gross Primary Productivity Using Topographic and Vegetation Heterogeneity Information: A Case Study in the Gongga Mountain Region of China. <i>Remote Sensing</i> , 2018, 10, 647.	4.0	12
13	MLAs land cover mapping performance across varying geomorphology with Landsat OLI-8 and minimum human intervention. <i>Ecological Informatics</i> , 2021, 61, 101227.	5.2	10
14	A practical topographic correction method for improving Moderate Resolution Imaging Spectroradiometer gross primary productivity estimation over mountainous areas. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2021, 103, 102522.	2.8	10
15	Spatially and Temporally Continuous Leaf Area Index Mapping for Crops through Assimilation of Multi-resolution Satellite Data. <i>Remote Sensing</i> , 2019, 11, 2517.	4.0	8
16	Comparing Three Remotely Sensed Approaches for Simulating Gross Primary Productivity over Mountainous Watersheds: A Case Study in the Wanglang National Nature Reserve, China. <i>Remote Sensing</i> , 2021, 13, 3567.	4.0	8
17	Quantifying Scaling Effect on Gross Primary Productivity Estimation in the Upscaling Process of Surface Heterogeneity. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2022, 127, .	3.0	8
18	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. <i>Remote Sensing</i> , 2022, 14, 61.	4.0	5

#	ARTICLE	IF	CITATIONS
19	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
20	Integrating Eddy Covariance Information with Beps Model Using a Variational Assimilation Scheme for Improving Temporally Continuous Gpp Estimation. , 2018, , .		0
21	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