

# Yibo Liu

## List of Publications by Year in descending order

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Version: 2024-02-01

32  
papers

1,186  
citations

471509

17  
h-index

501196

28  
g-index

32  
all docs

32  
docs citations

32  
times ranked

1606  
citing authors

#	ARTICLE	IF	CITATIONS
1	Response of evapotranspiration to changes in land use and land cover and climate in China during 2001–2013. <i>Science of the Total Environment</i> , 2017, 596-597, 256-265.	8.0	152
2	Water use efficiency of China's terrestrial ecosystems and responses to drought. <i>Scientific Reports</i> , 2015, 5, 13799.	3.3	141
3	Recent trends in vegetation greenness in China significantly altered annual evapotranspiration and water yield. <i>Environmental Research Letters</i> , 2016, 11, 094010.	5.2	114
4	Satellite-derived LAI products exhibit large discrepancies and can lead to substantial uncertainty in simulated carbon and water fluxes. <i>Remote Sensing of Environment</i> , 2018, 206, 174-188.	11.0	98
5	Impacts of droughts on carbon sequestration by China's terrestrial ecosystems from 2000 to 2011. <i>Biogeosciences</i> , 2014, 11, 2583-2599.	3.3	73
6	Changes of net primary productivity in China during recent 11 years detected using an ecological model driven by MODIS data. <i>Frontiers of Earth Science</i> , 2013, 7, 112-127.	2.1	64
7	Spatial and temporal variations of forest LAI in China during 2000–2010. <i>Science Bulletin</i> , 2012, 57, 2846-2856.	1.7	55
8	Global assessment of lagged and cumulative effects of drought on grassland gross primary production. <i>Ecological Indicators</i> , 2022, 136, 108646.	6.3	52
9	An urban-rural and sex differences in cancer incidence and mortality and the relationship with PM2.5 exposure: An ecological study in the southeastern side of Hu line. <i>Chemosphere</i> , 2019, 216, 766-773.	8.2	47
10	Evapotranspiration and water yield over China's landmass from 2000 to 2010. <i>Hydrology and Earth System Sciences</i> , 2013, 17, 4957-4980.	4.9	43
11	Modeling the impacts of alternative fertilization methods on nitrogen loading in rice production in Shanghai. <i>Science of the Total Environment</i> , 2016, 566-567, 1595-1603.	8.0	39
12	Using vegetation indices and texture measures to estimate vegetation fractional coverage (VFC) of planted and natural forests in Nanjing city, China. <i>Advances in Space Research</i> , 2013, 51, 1186-1194.	2.6	35
13	Comparison of phosphorus fractions and phosphatase activities in coastal wetland soils along vegetation zones of Yancheng National Nature Reserve, China. <i>Estuarine, Coastal and Shelf Science</i> , 2015, 157, 93-98.	2.1	31
14	A global 0.05° dataset for gross primary production of sunlit and shaded vegetation canopies from 1992 to 2020. <i>Scientific Data</i> , 2022, 9, 213.	5.3	30
15	Spatial Autocorrelation Analysis of Chinese Inter-Provincial Industrial Chemical Oxygen Demand Discharge. <i>International Journal of Environmental Research and Public Health</i> , 2012, 9, 2031-2044.	2.6	25
16	Influence of milk fat globule membrane and milk protein concentrate treated by ultrasound on the structural and emulsifying stability of mimicking human fat emulsions. <i>Ultrasonics Sonochemistry</i> , 2022, 82, 105881.	8.2	24
17	Performance of Linear and Nonlinear Two-Leaf Light Use Efficiency Models at Different Temporal Scales. <i>Remote Sensing</i> , 2015, 7, 2238-2278.	4.0	23
18	A Novel Moisture Adjusted Vegetation Index (MAVI) to Reduce Background Reflectance and Topographical Effects on LAI Retrieval. <i>PLoS ONE</i> , 2014, 9, e102560.	2.5	19

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19	Performance of a two-leaf light use efficiency model for mapping gross primary productivity against remotely sensed sun-induced chlorophyll fluorescence data. <i>Science of the Total Environment</i> , 2018, 613-614, 977-989.	8.0	17
20	Dissecting Performances of PERSIANN-CDR Precipitation Product over Huai River Basin, China. <i>Remote Sensing</i> , 2019, 11, 1805.	4.0	17
21	Evaluation and improvement of MODIS gross primary productivity in typical forest ecosystems of East Asia based on eddy covariance measurements. <i>Journal of Forest Research</i> , 2013, 18, 31-40.	1.4	16
22	Modeling the Effects of Global and Diffuse Radiation on Terrestrial Gross Primary Productivity in China Based on a Two-Leaf Light Use Efficiency Model. <i>Remote Sensing</i> , 2020, 12, 3355.	4.0	12
23	Evaluation of evapotranspiration deficit index for agricultural drought monitoring in North China. <i>Journal of Hydrology</i> , 2021, 596, 126057.	5.4	12
24	Applicability of spectral and spatial information from IKONOS-2 imagery in retrieving leaf area index of forests in the urban area of Nanjing, China. <i>Journal of Applied Remote Sensing</i> , 2012, 6, 063556-1.	1.3	11
25	Design and Fabrication of a Sandwichlike Zn/Cu/Alâ€“Zr Coating for Superior Anticorrosive Protection Performance of ZM5 Mg Alloy. <i>ACS Applied Materials &amp; Interfaces</i> , 2021, 13, 41120-41130.	8.0	11
26	Incorporating water availability into autumn phenological model improved Chinaâ€™s terrestrial gross primary productivity (GPP) simulation. <i>Environmental Research Letters</i> , 2021, 16, 094012.	5.2	10
27	Land cover change instead of solar radiation change dominates the forest GPP increase during the recent phase of the Shelterbelt Program for Pearl River. <i>Ecological Indicators</i> , 2022, 136, 108664.	6.3	9
28	Evaluation of Different Methods for Estimating the Fraction of Sunlit Leaves and Its Contribution for Photochemical Reflectance Index Utilization in a Coniferous Forest. <i>Remote Sensing</i> , 2019, 11, 1643.	4.0	4
29	Evaluation of downward surface solar radiation of three reanalysis products over China from 1979 to 2008. , 2015, , 609-617.		2
30	The comparison of different methods to measure leaf area index of forests in Maershan Mountain, Northeastern China. , 2010, , .		0
31	Spatial distribution of soil erosion in a black soil region of Northeast China studied using remote sensing and GIS techniques. , 2010, , .		0
32	Decrease of net primary productivity in China's terrestrial ecosystems caused by severe droughts in 2009. , 2012, , .		0