

Jiangzhou Xia

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

1,462
citations

361413

20
h-index

526287

27
g-index

27
all docs

27
docs citations

27
times ranked

2347
citing authors

#	ARTICLE	IF	CITATIONS
1	Global simulations of carbon allocation coefficients for deciduous vegetation types. <i>Tellus, Series B: Chemical and Physical Meteorology</i> , 2022, 67, 28016.	1.6	20
2	Global patterns of leaf construction traits and their covariation along climate and soil environmental gradients. <i>New Phytologist</i> , 2021, 232, 1648-1660.	7.3	18
3	Global Patterns in Net Primary Production Allocation Regulated by Environmental Conditions and Forest Stand Age: A Modelâ€”Data Comparison. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2019, 124, 2039-2059.	3.0	30
4	Influence of Vegetation Growth on the Enhanced Seasonality of Atmospheric CO ₂ . <i>Global Biogeochemical Cycles</i> , 2018, 32, 32-41.	4.9	29
5	Estimates of grassland biomass and turnover time on the Tibetan Plateau. <i>Environmental Research Letters</i> , 2018, 13, 014020.	5.2	59
6	Contrasting effects of NH ₄ ⁺ and NO ₃ ⁻ amendments on amount and chemical characteristics of different density organic matter fractions in a boreal forest soil. <i>Geoderma</i> , 2017, 293, 1-9.	5.1	17
7	Adaptive Carbon Allocation by Plants Enhances the Terrestrial Carbon Sink. <i>Scientific Reports</i> , 2017, 7, 3341.	3.3	55
8	Using the green purchase method to help farmers escape the poverty trap in semiarid China. <i>Agronomy for Sustainable Development</i> , 2017, 37, 1.	5.3	16
9	Loess Plateau check dams can potentially sequester eroded soil organic carbon. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2016, 121, 1449-1455.	3.0	24
10	Spatial patterns of soil and ecosystem respiration regulated by biological and environmental variables along a precipitation gradient in semiâ€”arid grasslands in China. <i>Ecological Research</i> , 2016, 31, 505-513.	1.5	16
11	Assessment of multiple precipitation products over major river basins of China. <i>Theoretical and Applied Climatology</i> , 2016, 123, 11-22.	2.8	25
12	Estimating crop yield using a satellite-based light use efficiency model. <i>Ecological Indicators</i> , 2016, 60, 702-709.	6.3	52
13	Climate change and consequences on the water cycle in the humid Xiangjiang River Basin, China. <i>Stochastic Environmental Research and Risk Assessment</i> , 2016, 30, 225-235.	4.0	19
14	Using Bayesian model averaging to estimate terrestrial evapotranspiration in China. <i>Journal of Hydrology</i> , 2015, 528, 537-549.	5.4	57
15	Validation of China-wide interpolated daily climate variables from 1960 to 2011. <i>Theoretical and Applied Climatology</i> , 2015, 119, 689-700.	2.8	48
16	Global Validation of a Process-Based Model on Vegetation Gross Primary Production Using Eddy Covariance Observations. <i>PLoS ONE</i> , 2014, 9, e110407.	2.5	11
17	Spatio-Temporal Patterns and Climate Variables Controlling of Biomass Carbon Stock of Global Grassland Ecosystems from 1982 to 2006. <i>Remote Sensing</i> , 2014, 6, 1783-1802.	4.0	64
18	The contribution of Chinaâ€™s Grain to Green Program to carbon sequestration. <i>Landscape Ecology</i> , 2014, 29, 1675-1688.	4.2	94

#	ARTICLE	IF	CITATIONS
19	Comparison of satellite-based evapotranspiration models over terrestrial ecosystems in China. <i>Remote Sensing of Environment</i> , 2014, 140, 279-293.	11.0	217
20	Characterization of locations and extents of afforestation from the Grain for Green Project in China. <i>Remote Sensing Letters</i> , 2014, 5, 221-229.	1.4	42
21	Improved estimations of gross primary production using satellite-derived photosynthetically active radiation. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014, 119, 110-123.	3.0	60
22	Multiyear precipitation reduction strongly decreases carbon uptake over northern China. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2014, 119, 881-896.	3.0	79
23	Vegetation-specific model parameters are not required for estimating gross primary production. <i>Ecological Modelling</i> , 2014, 292, 1-10.	2.5	37
24	Global comparison of light use efficiency models for simulating terrestrial vegetation gross primary production based on the LaThuile database. <i>Agricultural and Forest Meteorology</i> , 2014, 192-193, 108-120.	4.8	220
25	Satellite-Based Analysis of Evapotranspiration and Water Balance in the Grassland Ecosystems of Dryland East Asia. <i>PLoS ONE</i> , 2014, 9, e97295.	2.5	26
26	Estimation of gross primary production over the terrestrial ecosystems in China. <i>Ecological Modelling</i> , 2013, 261-262, 80-92.	2.5	66
27	A meta-analysis of the response of soil moisture to experimental warming. <i>Environmental Research Letters</i> , 2013, 8, 044027.	5.2	61